

Ashish Gautam

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Summary

Full Stack Engineer with exposure to Web-based Platform Development, Mobile application development, and Microservices architecture Implementations.

Domain Knowledge and Technical Skills

Web-Development: JavaScript, Rust, Web Assembly, React-JS, Next-JS, Flutter-Web, CSS, HTML, Vue-JS, Nuxt-JS.

Mobile-Development: React Native, Dart, Flutter (Android and IOS).

Backend-Development: Golang, Typescript, Node.js, Express.js.

Database experience: PostgreSQL, ArangoDb, Redis, Hasura-GraphQL, Supabase, ELK, MySQL.

Cloud Services: AWS S3, AWS Lambda, AWS Amplify, AWS CloudWatch, AWS SES, AWS Cognito, AWS App Sync, API Gateway, AWS code Commit.

Version Control: Git, GitLab, GitHub, Bitbucket.

Tools and services: Chargebee, Dialog Flow, Argo CD, Jenkins, Postman, Kafka, Docker, SendGrid, Hubspot, Node, Express, Puppeteer, Socket, JWT Authentication, Apollo, Kue.js, Axios, cron.

Project management tools: Jira, Redmine, asana

AI Tools: **GPT** (GPT-4.1 / GPT-5 / GPT-4.1-Vision) , **GCP** (Vision, DLP, Storage, VM), **Azure AI Services** (Speech-to-Text, Content Safety, Video Indexer)

Projects

➤ Research Agencies & Shopper Portal (AIMS), Talentelgia pvt

Aimsight Management System (AIMS) is a web-based platform that streamlines research agency and shopper operations, enabling efficient project creation, questionnaire management, AI-powered audio and image PII redaction, automated scoring, and insightful dashboards. The system integrates AI and cloud-based processing to optimize data collection, analysis, and reporting for research projects.

Role: Full Stack Developer / Project Lead

Stack: Next.js, React, Node.js, MongoDB

Cloud & Tools: **GCP** (Vision, DLP, Storage, VM), **Azure AI Services** (Speech-to-Text, Content Safety, Video Indexer), Docker, WebSockets, Git, Swagger, Jira

AI: GPT-4.1 / GPT-5 / GPT-4.1-Vision

Acted as the **full-stack production engineer** for AIMS, **stabilizing** AI/media-processing workflows, permissions, uploads, insights, and **client-facing reliability**.

Contributions:

- Led development of core modules: project setup, shopper flows, questionnaire builder, and AI processing.
- Built media-processing pipelines across **GCP Storage + VM nodes, GPT models and Azure Video Indexer**.
- Implemented real-time updates via WebSockets and webhook-based workflows. Delivered media-processing pipelines using GCP Storage + VM-based processing.
Built dashboards for data insights and reporting.

➤ AI based Coaching and training management system, Talentelgia pvt

An AI-powered platform that delivers personalized coaching, automated assessment, and adaptive learning paths, utilizing natural language processing and machine learning to optimize skill development and training outcomes effectively.

Role: Project Lead

Language Used: React native

Database: Supabase.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks.

Cloud services: Supabase functions, Socket, payment-gateway.

➤ Valet management system, Talentelgia pvt

Valet Management System is a SaaS-based car parking solution for venues, enabling seamless valet operations, real-time vehicle tracking, digital tickets, and efficient management to enhance guest experience and staff coordination.

Role: Development Lead (Frontend and Backend)

Language Used: React.js, Node.js

Database: Postgres, MongoDB.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks, web-socket.

Cloud services: AWS Lambda, AWS API-gateway, AWS CloudWatch, AWS Cognito.

➤ Centralised Oauth management system, Talentelgia pvt

A centralized OAuth management SaaS that acts as a hub for multiple providers, enabling seamless registration, sign-in, and authentication through a unified and secure OAuth interface.

Role: Backend Lead

Language Used: Node.js

Database: Postgres, Redis.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks, Oauth.

➤ AI based Hiring and interviewing system, Talentelgia pvt

AI-based Hiring and Interviewing SaaS platform streamlines recruitment by automating interviews, providing personalized feedback, enabling self-assessment, and helping candidates improve skills through smart, adaptive AI-driven evaluations and insights.

Role: Frontend Lead

Language Used: Vue.JS, Nuxt.JS

Database: Postgres.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks, Camera modules, iFrames, scrapers.

Cloud services: AWS Lambda, AWS API-gateway, AWS CloudWatch, AWS Cognito.

➤ Trading and Brokerage management system, Talentelgia pvt

The Trading and Brokerage Management System is a SaaS platform that streamlines trade execution, client management, compliance tracking, and reporting for brokers and traders, enhancing operational efficiency and transparency.

Role: Project Lead

Language Used: React.js, Next.js, Node.js

Database: MongoDB.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks, web-sockets, wallet-management providers.

Cloud services: AWS Lambda, AWS API-gateway.

➤ Newsletter Service with GenAI, Xenonstack pvt

Created a scalable newsletter platform on AWS, optimizing costs/performance. Orchestrated SES, S3, Lambda, and auto-scaling. Emphasized security, real-time monitoring, cost reduction, and personalized content, boosting engagement by 20%.

Role: Development Lead (Frontend and Backend)

Language Used: React.js, Node.js

Database: DynamoDB.

Tools: Git, Postman, Swagger, Figma, Jira, web-hooks.

Cloud services: AWS Lambda, AWS API-gateway, AWS CloudWatch, AWS Cognito, AWS Code Commit, AWS amplify.

➤ Transport Management System, Xenonstack pvt

Designed logistics software streamlining operations by automating manual tasks, centralizing control. Modules managed orders, tracked shipments, handled vehicles/drivers, generated invoices, and monitored performance metrics, boosting overall efficiency.

Role: Senior Developer (Frontend and Backend)

Language Used: React.js, Next.js, Golang

Tools: Git, Postman, Swagger, Figma, Jira, web-Socket, Geo-location.

Cloud services: AWS Lambda, AWS API-gateway, AWS CloudWatch, AWS Cognito, AWS S3.

➤ Onboarding Management Platform, Xenonstack pvt

Developed a mobile application streamlining onboarding for faster, efficient business alignment, meeting diverse business needs seamlessly.

Role: Lead Mobile Developer

Language Used: Dart / Flutter (Android Development)

Tools: Git, Postman, Swagger, Figma, Jira.

Database tools: Firebase, RDS.

Frameworks: Express.js, Xcode.

Cloud services: AWS S3.

➤ Sports Analytics Platform, Xenonstack pvt

Engineered a sports-focused AI-driven mobile app, employing processed modules to assist users in achieving their goals and conquering challenges effectively.

Role: Mobile Developer

Language Used: Dart / Flutter (Android and IOS Development)

Cloud services: AWS lambda, RDS.

Data Storage used: Postgres, DynamoDB, Redis.

Cache used: Encrypted device Storage.

Tools: Git, Postman, Xcode, Android Studios, TensorFlow-Lite, Integrated Camera management, Swagger, Wireframe, Jira, Google's geolocation.

➤ Stock Management Platform, Xenonstack pvt

Developed a tailored intuitive platform for organizational needs, facilitating member tracking, product management, and stocking. Empowering administrators with centralized control and detailed activity insights.

Role: Mobile Developer

Language Used: Dart / Flutter (Android and IOS Development)

Cloud services: AWS lambda, RDS.

Data Storage used: Postgres, Redis.

Cache used: Encrypted device Storage.

Tools: Git, Postman, Xcode, Android Studios, TensorFlow-Lite, Integrated Camera management, Swagger, Wireframe, Jira, Google's geolocation.

➤ Data Visualization Platform, Xenonstack pvt

Crafted a visualization-centric app for rapid access to reliable data visuals. Leveraged Rust and Web Assembly to achieve ultra-high-speed data visualizations, enhancing user experience.

Role: Research and development Lead

Language Used: Rust, Web-Assembly, JavaScript, Node.js, ReactJS.

Data Storage and tools: Redis, Indexed DB, Git, Postman, Web-Socket, Docker, Wasm.

➤ Omnichannel AI Platform, Xenonstack pvt

Developed a SaaS B2B2C omnichannel commerce platform delivering seamless digital experiences to customers using No-Code AI, empowering businesses effortlessly.

Role: Backend Platform Engineer

Language Used: TypeScript

Data Storage and tools: Postgres, ArangoDb.

Cache: Redis

Tools and Software: Chargebee, Hasura, Hubspot, Dialog Flow, Jenkins, Git, Postman, Kafka, Elasticsearch, Docker, SendGrid, Google mailing System, Socket, WhatsApp Commerce.

Experience

- **Senior Software Engineer, Talentelgia pvt (2024 - Today)**

Key Responsibilities:

- Lead requirement analysis, solution design, and brainstorming sessions to define optimal technical approaches.
- Own project modules/features end-to-end: design, development, deployment, and maintenance.
- Manage project sprints, coordinate cross-functional teams, and ensure timely delivery.
- Serve as the primary client interface for requirement gathering, updates, and issue resolution.
- Identify improvements in existing systems and implement modifications efficiently.
- Ensure adherence to key non-functional principles: performance, security, accessibility, and scalability.
- Mentor junior engineers, assist in breaking down complex problems, and guide technical decision-making.
- Proactively test and validate solutions to maintain high code quality.

- **Senior Software Engineer, Xenonstack pvt (2020 - 2024)**

Roles and Responsibilities

- Delivering tasks and designing effective solutions for product features or small scope engineering challenges in their area of the business.
- Thorough Requirement analysis and brainstorming, to explore and decide the best possible solution that is configurable and modular.
- Proactively testing the work appropriately.
- Identifying areas of modification in existing programs and subsequently developing these modifications.
- Contribute to all phases of the development life cycle with a High level of proficiency.
- Awareness of key non-functional principles in their discipline/domain (accessibility, performance, security, etc.) and evidence of actioning them.
- Breaking down medium-sized engineering problems in collaboration with more senior engineers.
- Independently owning the development of a feature, or problem space, including the ability to identify, define, and scope problems.

Education

- Master in Computer Applications
- Bachelor of Science (Computer HONORS)