

Amit Jhariya

Technical Lead | Full Stack Developer | Cloud & Microservices Architect

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Summary

Results-driven **Software Engineer** with **9+ years** of experience in designing and developing scalable **microservices, cloud architectures, and full-stack applications**. Expertise in **Node.js, React, Next.js, NestJS, PostgreSQL, AWS, Docker, and CI/CD**. Proven ability to **lead teams, optimize system performance, and drive innovation**. Passionate about **mentoring developers, automating workflows, and solving complex technical challenges**.

Skills

Languages: JavaScript, TypeScript, C/C++, Python, SQL, PHP, HTML, CSS, Java

Technologies & Tools: JavaScript, TypeScript, Node.js, AWS (Amazon Web Services), React, Next.js, NestJS, PostgreSQL, MySQL, DevOps, Elasticsearch, Redis, LangChain, LLM, WebSockets, RabbitMQ, Graph-QL, Framer Motion, GSAP, Lottie, Material Design, Tailwind CSS, Redux, EC2, ECS, ECR, CodeArtifact, CloudFormation, Jenkins, GCP, AWS (Lambda, EC2, ECS, ECR, S3, SNS, SQS, RDS, Aurora, DynamoDB), MongoDB, Docker, Microservices, Git, Prometheus, Grafana, Terraform, CI/CD CodePipeline, Express.js, Electron, Codelgniter, Laravel, WordPress, Linux, Web Scraping, Selenium, GitHub, Bit-Bucket, Jira, Zoho, ClickUp, Slack

Work Experience

Bhavitha Tech, Bangalore

Sept 2023 - Present

Technical Lead

- Spearheaded the migration of Baker Real Estate Incorporated from Salesforce to AWS, resulting in a \$200k annual reduction in operational costs through resource optimization and increased system availability.
- Designed and implemented a DocuSign-integrated real estate document generation system, streamlining contract workflows, enabling digital signatures, and significantly improving document management efficiency and compliance.
- Improved API performance by 40% and established microservices best practices, enhancing system scalability and maintainability.
- Designed and architected the core system for Baker Real Estate Incorporated, leading the development team, conducting code reviews, and establishing standardized coding practices to ensure scalability, maintainability, and adherence to best practices.
- Key Technologies: Node.js, React, Next.js, PHP, PostgreSQL, MySQL, Tailwind CSS, Framer Motion, GSAP, Lottie, Elasticsearch, Redis, RabbitMQ, AWS (EC2, ECS, ECR, S3, Lambda, SES, SNS, SQS, EventBridge, CodePipeline), DevOps, DocuSign, Docker, Microservices, Laravel, Zoho, Electron, Prometheus, Grafana, Microsoft Entra, Salesforce

Notchup (formerly CodeMonk), London, England, United Kingdom

March 2023 - Aug 2023

Senior Software Engineer

- Developed cloud-native APIs and web applications for ARM semiconductor IP management, simulation, and orchestration using AWS Lambda, Terraform, Node.js, PostgreSQL, and DynamoDB, ensuring high performance and reliability.
- Enhanced SQL queries and managed a dual database architecture (PostgreSQL, DynamoDB) to improve performance and data consistency.
- Key Technologies: JavaScript, Node.js, TypeScript, PostgreSQL, AWS (Aurora, Terraform, Lambda, S3, DynamoDB, EC2, SQS, SNS, AWS CDK), Microservices, Mocha

Counter.app

Aug 2021 - Aug 2022

Senior Software Engineer

- Integrated OTAs (MakeMyTrip, Goibibo, Airbnb, Booking.com) with two-way inventory sync, reducing manual effort by 50%.
- Automated guest registration with SIBA SEF Portugal, ensuring compliance and cutting manual processing by 40 hours monthly.
- Optimized room allocation and enhanced MongoDB performance with Elasticsearch & Redis, reducing staff workload by 30% and boosting query speed by 80%.
- **Tech Stack:** JavaScript, React, Next.js, Node.js, MongoDB, Tailwind CSS, Material Design, Bitbucket, TypeScript, AWS (Cloud-Watch, EC2).

Bhavitha Tech, Bangalore

Aug 2015 - July 2021

Software Engineer

- Designed a data analytics system processing 1.3M+ records for business intelligence and reporting.
- Built an automated order management system for DoorDash, Uber Eats, and Grubhub.
- Developed a secure electronic voting system with IBM Hyperledger Blockchain.
- **Tech Stack:** JavaScript, React, Node.js, Python, TypeScript, AWS (Lambda, S3, DynamoDB, EC2, SQS, SNS, CDK), Elasticsearch.

Education

Jabalpur Engineering College, Jabalpur

Sept 2011 - Jun 2015

B.E. in Electrical Engineering

Relevant Coursework: Object-Oriented Programming, C++, C, Java, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Hardware & Networking, Advanced PHP, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing, Web Scraping, and Automation.

Jawahar Navodaya Vidyalaya, Mandla

2004 - 2011

Higher Secondary Education

Subjects: Mathematics, Physics, Chemistry, Computer Science, English, and Hindi.

Projects

- **ElectroAi** - Desktop AI Tool (RAG) Built an open-source desktop app for offline LLM execution with RAG for document chat (PDF, CSV). Integrated DuckDuckGo scraping for real-time data and a React-based UI. **Tech:** Python, OpenAI, React, Nextjs, Electron, Tailwind CSS LangChain, VectorDB
- **ARM IP Explorer** - Semiconductor IP Simulation Designed ARM's IP testing platform for clients like Sony/Canon, reducing validation time by 25% via automated workflows. **Tech:** ARM Architecture, Python, Simulation Tools
- **GPTMail** - AI Email/LinkedIn Assistant Browser extension using OpenAI to automate email replies, reducing response time by 60% (open-sourced). **Tech:** JavaScript, OpenAI API, Chrome Extensions
- **EazyVC** - Modern Voting Platform Developed a secure and user-friendly voting system with real-time data handling and strong security protocols. **Tech:** Web-based UI frameworks, Real-time Processing, Security Enhancements
- **KreditAid** - Financial Analytics Platform Platform for business insights integrating Tesseract OCR, reducing manual data entry by 70%. **Tech:** React, Node.js, Python, MySQL
- **TakePrism** - Restaurant Order Aggregator Centralized order management system for Grubhub/Uber Eats, improving processing efficiency by 45%. **Tech:** React, Node.js, MongoDB, Socket.io

Awards and Certificates

- Node.js Security – **LinkedIn**
- Node.js Advanced – **LinkedIn**
- REST API – **HackerRank**
- React – **HackerRank**
- JavaScript – **HackerRank**
- JavaScript Algorithms and Data Structures – **FreeCodeCamp**