ARYAN AGARWAL

Sr. Software Engineer | Technical Lead | Full-Stack Developer | Backend Engineer

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SUMMARY

I am a Senior Software Engineer and Tech Lead with extensive experience in full stack software development specializing in **JavaScript**, **TypeScript**, **Node JS, Nest JS, React JS, Docker, Microservices, Distributed Systems** and various technologies. I have a proven track record of leading and delivering complex projects while enhancing team capabilities through mentorship and strategic hiring. My commitment to building innovative solutions has driven successful product outcomes.

EXPERIENCE

Senior Software Engineer

Thoughtworks

📅 02/2025 - Present   📍 Bangalore, India

Thoughtworks is a global leader in tech, driving innovation through strategic design and engineering.

- Increased application performance by 40% through optimizing backend services and algorithms.
- Oversaw development of 15 microservices, each handling over 200,000 transactions/month.
- Drove down bugs by 30% in production releases by automating end-to-end testing protocols.

Technical Lead

Glue Labs

📅 01/2022 - 02/2025   📍 New Delhi, India

A company focused on developing technology solutions.

- Led product development at Glue Labs, from conceptualization to scaling, for products like **FIFO**, **Glue**, and **Glue Identity**.
- Designed user-centric flows and architected repositories using best practices ensuring scalability and performance.
- Conducted code reviews to improve quality, security, and compliance with standards.
- Streamlined workflows through detailed documentation, enhancing onboarding and collaboration.
- Scaled the team from 8 to 20+ through strategic hiring and mentoring, while developing an **Intern Training Module** and training 10+ interns in core technologies like **Node.js, React**, **React Native & Flutter**.

Senior Software Engineer

Glue Labs

📅 10/2021 - 01/2022   📍 New Delhi, India

A company focused on developing technology solutions.

- Built a **Voice Calling App** using **Node JS**, **ExpressJS, React Native**, **Agora** and **DeepStream** enabling users to create/join voice chat rooms.
- Spearheaded development of **FIFO.im** and **Glue Mobile App** from scratch using **Node.js**, **React**, and **Flutter**, delivering scalable and innovative solutions.
- Refactored codebase with **TypeScript** and **ESLint**, improving code quality, security, and maintainability.

Software Development Engineer

GeekyAnts

📅 02/2019 - 10/2021   📍 Bengaluru, India

A software development company specializing in web and mobile development.

- Worked on 6+ client projects as a full-stack developer using technologies like **Node.js, Express JS, React**, **React Native**, **Next.js**, and **GraphQL**.
- Delivered high-quality features on time across multiple projects, ensuring performance and client satisfaction.
- Conducted 40+ technical interviews for GeekyAnts and **mentored 3-4 interns** on best practices and code quality.
- Delivered a **Tech Talk** on voice calling in **React Native** with **Agora**.

SKILLS

Languages

JavaScript, TypeScript, Python, C++

Backend

Node JS, Nest JS, Express JS, Fastify, Flask, FastAPI, Django, SQL, PostgresSQL, MongoDB, Kafka, Redis, Socket.IO, Sequelize ORM, TypeORM, SQLAlchemy, Alembic, OAuth 2.0, OpenID Connect, Ory Kratos, Ory Hydra, Microservices, Distributed Systems

Tools & DevOps

Docker, Kubernetes, Langchain, GitHub Actions, Buildkite, Terraform, GraphQL, Docker Containerisation, Firebase, Supabase, AWS S3, AWS EC2, AWS SES, AWS RDS, Nginx

Frontend

React JS, React Native, Next JS, Flutter, TailwindCSS, Redux, Redux Saga, React Query, Zustand, Material UI, Styled Components, HTML, CSS, Svelte

KEY ACHIEVEMENTS

💎 **Client Project Delivery**

Developed 6+ client projects ensuring 100% on-time delivery and client satisfaction.

💎 **Expanded Team Growth**

Scaled team from 8 to 20+, improving project delivery time by 25%.

💎 **Code Quality Improvement**

Improved code quality by 40% through strategic refactoring and ESLint use.

💎 **Successful Technical Hiring**

Conducted 40+ interviews, aiding in successful hiring of 10 developers.

💎 **Lead 4 Products**

Led the development of 4 products at Glue Labs, overseeing both frontend and backend. Ensured timely delivery with effective project management and reduced errors.

FIND ME ONLINE

in **LinkedIn**

aryankush25

GitHub

aryankush25

✖ **X (Twitter)**

aryankush25

PROJECTS

Dashgen

📅 01/2023 - Present

🔗 https://dashgen.in/

Developed this platform as a personal project, now boasting over 100 active users.

- A platform designed to interact with various **LLMs** (e.g., **OpenAI**, **Anthropic**, **Mistral**, **Groq**, **Google Gen AI, xAI, DeepSeek**) through API keys in a single, unified interface.
- **Technologies:** NestJS, PostgreSQL, Redis, LangChain, Docker, Docker Compose, GitHub Actions, AWS EC2, AWS SES, AWS S3, Nginx, NextJS, TailwindCSS, React Query, Zustand.

FIFO

📅 01/2022 - Present

Technical Lead at Glue Lab

- Built a **blogging platform** to explore insights about **D2C businesses**, offering users real-time interactions and scalable infrastructure.
- **Technologies:** NestJS, PostgreSQL, Redis, Deepstream, Next.js, TailwindCSS, React Query.

Glue

📅 01/2022 - Present

Technical Lead at Glue Lab

- Developed an app to create fan pages with AI-generated videos and rewards to engage customers.
- **Technologies:** Next.js, NestJS, PostgreSQL, Redis, TailwindCSS, React Query.

Glue Identity

📅 01/2022 - Present

Technical Lead at Glue Lab

- Built an identity management platform with features like authentication, RBAC, and OAuth 2.0, designed for scalability and security.
- **Technologies:** NestJS, PostgreSQL, Redis, Ory Kratos, Ory Hydra, Next.js, TailwindCSS, React Query.

Sortly

📅 02/2019 - 10/2021

Software Development Engineer at GeekyAnts

- Worked on a React-based application with state management and styled components, ensuring high-quality code practices.
- **Technologies:** React, Redux, Styled Components, Jira, Bitbucket.

Airops

📅 02/2019 - 10/2021

Software Development Engineer at GeekyAnts

- Developed web and mobile solutions to track expenses, featuring PDF report generation and dynamic interfaces.
- **Technologies:** React, Flutter, Redux, Material UI, PDF Builder, Aqueduct.io.

Torii Homes

📅 02/2019 - 10/2021

Software Development Engineer at GeekyAnts

- Built a full-stack platform for real estate, featuring dynamic UIs and consistent state management across web and mobile.
- **Technologies:** Node.js, Express.js, Knex JS, NextJS, React Native, Material UI, NativeBase, Redux.

EDUCATION

Bachelor of Technology: Computer Science Engineering

Chitkara University

📅 08/2016 - 05/2020

📍 Chandigarh

CGPA

8.96 / 10

CERTIFICATION

Udacity Nano Degree In iOS Development

Udacity's program that provides a comprehensive introduction to iOS app development.

LANGUAGES

English
Proficient
🔵🔵🔵🔵⚪

Hindi
Native
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