Bengaluru, India (Remote-friendly)
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Portfolio: www.rootxperiments.com

AASHISH K

SUMMARY

Solopreneur & Independent Software Engineer @ Root Xperiments

Building and shipping production-ready web applications, backend systems, and internal tools. Experience across large companies, enterprise environments, startup, and self-initiated projects. Focused on clean APIs, minimal UI, and systems built to last.

EXPERIENCE

Root Xperiments — *Independent Software Engineer*

DEC 2025 – PRESENT

- Independent software practice housing self-initiated projects and planned product development.
- Building full-stack web applications using React, Spring Boot, and modern backend tooling.
- Designing clean REST APIs, authentication flows (JWT), and system architecture with a product-first mindset.
- Publishing and maintaining projects demonstrating end-to-end ownership, documentation, and maintainability.

Solve Socials — *Fullstack Software Engineer (Contract)*

JUL 2025 – OCT 2025

- Contributed to early development of a content-generation product for financial advisors.
- Worked across backend and frontend during the initial product build phase.
- Helped define early system architecture, documentation, and technical stories.
- Built frontend features including Angular-based client websites.
- Developed a React-based internal tool integrating workflows with HubSpot.
- Improved website performance and Lighthouse scores from ~40 to 90+.
- Worked on custom Ghost theme builds and its integration with client applications.

Planned Sabbatical & Independent Development

NOV 2023 – JUN 2025

- Took a planned sabbatical to focus on mental well-being, deliberate skill enhancement, and long-term career direction.
- Built and shipped multiple self-initiated full-stack projects demonstrating backend systems, APIs, and frontend development.
- Designed REST APIs, authentication flows (JWT), and service-layer logic using Spring Boot.

- Developed frontend applications with React and Tailwind CSS, focusing on clarity and minimal UI.
- Built microservice-based demo systems to explore scalability, messaging, and architecture patterns.
- Completed structured coursework in Spring Framework, Docker, Kubernetes, Kafka, and cloud fundamentals, applying learnings directly through projects.
- Integrated AI-assisted features into applications where relevant, focusing on practical use cases.

Cognizant Technology Solutions — *Associate, Projects*

MAR 2022 - OCT 2023

- Contributed to a User Management application handling non-person accounts, shared drives, and mailboxes.
- Supported feature development, testing, and batch processing in an agile environment.
- Worked with enterprise systems and security tooling including Zscaler.

Infosys Limited — *Technology Analyst*

JUL 2018 - MAR 2022

- Built Java-based automation tools supporting large-scale data migration efforts.
- Automated manual validation workflows, reducing errors and manual effort.
- Worked across Java, Spring, SQL, Python, and frontend technologies in agile teams.

SKILLS

Backend: Java, Spring Boot, REST APIs, JWT, Kafka
Frontend: React, Angular, JavaScript, HTML, CSS, Tailwind CSS
Databases: MySQL, Oracle, SQL, H2
Tools: Git, Docker, CI/CD (GitHub Actions), Maven
Other: System design, API design, documentation, performance optimization

EDUCATION & AWARDS

B.E. Computer Science, RNS Institute of Technology, Bengaluru
RISE Award — Infosys | Sapphire Cheers Award — Cognizant