

Rakesh S

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EDUCATION

Bangalore Institute of Technology

Bachelor of Engineering in Information Science and Engineering; CGPA: 8.6

Bengaluru, India

Dec 2022 – May 2026

Deeksha Center for Learning

Pre-University in Computer Science (PCMC); Score: 98%

Bengaluru, India

Mar 2020 – Apr 2022

EXPERIENCE

ByteDocker

Full-Stack Developer Intern

Bengaluru, India

Aug 2024 – Nov 2024

- Delivered Tapio Banking's backend as Project Lead, developing 15+ REST APIs using Spring Boot and reducing API latency by 20% through query optimization and pagination.
- Launched MakeMyAdventures, a client project for ByteDocker built using Next.js, achieving 500+ weekly active users and a 95+ SEO score in its first month.
- Containerized services with Docker and contributed to deployment workflows, improving deployment speed by 25%.

Wrenberg Pvt Ltd

Full-Stack Developer Intern

Bengaluru, India

May 2024 – Jul 2024

- Engineered backend APIs for AR-based apparel e-commerce platform (MERN), improving response times by 30%.
- Automated CI/CD pipelines with GitHub Actions, reducing deployment time from 30 minutes to 5 minutes.
- Optimized MongoDB queries and caching with Redis, increasing API throughput by 18%.

PROJECTS

DoxelAI | Secure Document Analysis Vault | [GitHub](#)

Feb 2025 – Apr 2025

Tech Stack: Spring Boot, PostgreSQL, Supabase, Hugging Face, Docker, AWS

- Developed secure document vault supporting multi-format uploads (PDF, DOCX, XLSX, and TXT files up to 50 MB) with role-based access control and AES-256 encryption.
- Integrated Hugging Face NLP with regex fallback to auto-summarize documents and detect security threats, cutting manual review effort by 80%.
- Deployed using Docker and CI/CD pipelines on AWS (EC2, S3, and RDS), achieving 99.9% uptime during testing and enabling zero-downtime releases.

FlowMate | AI-Powered Workflow Automation | [GitHub](#)

Feb 2025 – Apr 2025

Tech Stack: MERN (Next.js, Node.js, MongoDB), Prisma, Stripe, Docker, Kubernetes, AWS

- Built a SaaS platform to create, schedule, and run web scraping pipelines, handling 100+ concurrent tasks.
- Implemented Stripe-based subscription billing, managing 50+ recurring payments efficiently.
- Containerized and deployed services on AWS with Docker and Kubernetes, achieving 99.9% uptime.

TECHNICAL SKILLS

Languages: Java, C++, Python

Backend: Spring Boot, microservices architecture, RESTful APIs, Apache Kafka

Frontend: ReactJS, Tailwind CSS

Databases: PostgreSQL, MongoDB, Prisma, Supabase

Cloud/DevOps: Docker, Kubernetes, AWS, Terraform, Jenkins, Firebase, GitHub Actions, CI/CD Pipelines

Core CS: Data Structures, Operating Systems, Computer Networks, Database Management Systems (DBMS), Object-oriented Programming (OOP)

ACHIEVEMENTS & CERTIFICATIONS

- Winner, Web Development Hackathon – IT Secure Systems: Created a student-focused learning platform used by 200+ peers.
- Solved 800+ algorithmic problems on LeetCode, demonstrating expertise in algorithms and data structures.
- Certified in Java Spring Framework 6 and Spring Boot 3: [View Certificate](#).
- Oracle Certified Cloud Infrastructure (OCI) Devops Professional: [View Certificate](#).