

AYUSH JHA

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EDUCATION

REVA UNIVERSITY

Bachelor of Engineering

Major ECE; Minor Computer Science.

CGPA: 8.3 /10.

Bengaluru, Karnataka

Jul 2019 - Jul 2023

WORK EXPERIENCE

SARANYU TECHNOLOGIES.

Software Engineer

Bengaluru, Karnataka

Sep 24 – Present

- Working on client projects, contributing to frontend development using Next.js, backend API creation using Node.js (Fastify) and PHP to support scalable web applications.
- Working with CI/CD GitHub Actions for automated deployment to improve development workflow. Collaborating with the team using Git for version control and efficient project management.
- Actively participating in agile methodologies, including sprint planning, daily standups, and performing code reviews through GitHub pull requests.

APPKNOX.

Software Engineering Intern

Bengaluru, Karnataka

May 24 – Aug 24

- Added SARIF report generation to AppKnox CLI, enabling GHAS integration. Worked on GitHub Actions for CI/CD automation, ensuring seamless software delivery.
- Developed and integrated a Jenkins CI/CD plugin, automating security scanning for 200+ enterprise clients.
- Engineered a Python-based web scraper to systematically collect and store metadata for 15,000+ Play Store apps, enhancing data processing efficiency by 35%.

AFS Canteen.

Freelance project

Bengaluru, Karnataka

Nov 23 – Mar 24

- Developed a Canteen Booking Web App using React.js and Firebase, hosted on [Vercel](#). Working on a dynamic booking system that generates unique tokens for customers, reducing wait times.
- Developed an admin dashboard to track bookings, verify customer visits, and export booking data to Excel for efficient record-keeping. Enhanced user experience by implementing Redux for efficient state management.

PROJECTS

CODERANK.

Online Code Execution Platform: - React, Nodejs, Express.js, MongoDB, Docker, AWS (S3, ECR, ECS, EC2).

- Engineered an online code execution platform with advanced security features; developed REST API that securely handled code submission and results retrieval, reducing processing errors by 40% and improving response time by 25%.
- Implemented a microservices architecture with deployed Docker containers on AWS, ensuring scalability and reliability, handling up to 1,000 concurrent executions.

BOOKMYSHOW-SQL.

Backend Application (optimization for responsive ticketing platform): - SQL database, RESTful APIs, Redis.

- Created tables and normalized data, ensuring efficient database management for 500,000+ ticket entries.
- Developed APIs and Analyzed and determined caching needs, optimizing API performance by 40% through Redis caching of frequently accessed data.

SKILLS

Programming Languages: JavaScript, TypeScript, Python, C++

Frontend: Html/CSS, React JS, Next JS

Backend: Node.js (Fastify, Express.js), Python (Django, FastAPI), NoSQL (MongoDB, Firebase), MySQL

Familiar: Git, Github, AWS, Docker, Redis, Kafka, Jenkins, PHP, Testing (Jest for React, Mocha for Node.js)

ADDITIONAL

Awards & Achievements: Solved 250+ questions on Leetcode., Top 10 in F2S by Continental, Top 20 in Reva Hack, 1st in Inter department Football (Reva)

Certifications & Training: [Airtribe Backend engineering launchpad](#), [Fundamentals of Linux](#), [Tensor Flow application](#)