



Aakash Bhargava

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 LinkedIn Profile

 Portfolio Website

 GitHub Profile

EDUCATION

Bachelor of Engineering in Information Technology

Mugneeram Bangur Memorial University, Jodhpur

2020-24

CGPA: 9.2

EXPERIENCE

Herald Logic Pvt. Ltd.

Associate Platform Engineer

May 2024 - Present

Remote

- Developed and enhanced 40+ client-specific features in a microservices-based architecture using Java (Spring Boot), AWS services (Lambda, Step Functions, SQS, API Gateway), and Docker for deployments.
- Designed and implemented API Integration Automation handling 5000+ daily API calls across 5+ clients, improving system efficiency using AWS-native services.
- Built a Report Query and Merger Service generating and merging CSV/XLS reports from SQL queries and S3 sources, reducing manual work by 95% and supporting 150+ weekly client reports.
- Created an AI-based Support Ticket Resolution System by training an open-source model on Jira data, reducing developer workload by 90% and automating monthly model retraining.
- Collaborated closely with DevOps, QA, and Solutions teams, improved CI/CD pipelines (GitLab CI/CD), debugged production issues, and ensured smooth feature deliveries under Agile practices.

Herald Logic Pvt. Ltd.

Associate Platform Engineer Intern

Jan 2024 - May 2024

Remote

- Built and deployed an Agent Code Generation Service using Java (Spring Boot) and AWS (Lambda, DynamoDB), supporting 35,000+ agent codes monthly for 10 production clients.
- Engineered backend automation in Python and AWS services to transform frontend user inputs into structured report data input, reducing manual developer effort from 4 days to near-zero.
- Designed and maintained CI/CD pipelines using GitLab CI/CD, and containerized microservices with Docker, enabling 95% faster deployments and reducing deployment errors by 80% for AWS ECR and ECS production environments

Celebal Technologies

Software Developer Intern

May 2023 - Jun 2023

Remote

- Completed a 3-month internship at Celebal Technologies, contributing to the development of a feature-rich task management system using React, and leading the design and implementation of 6 key functionalities like advanced search, sorting, creation, deletion, tagging, and status management.
- Leveraged Git and GitHub for efficient version control, collaboration, and maintaining a smooth and organized codebase throughout the project lifecycle.

PERSONAL PROJECTS

Hiyerd (AI Interview Platform) [\[GitHub\]](#) | [\[Deployed Link\]](#)

AI-powered web platform designed to simulate job interviews with real-time voice interaction and detailed performance analytics.

- Built a web application featuring AI-driven interview questions, real-time voice-based interactions across 10+ roles, responsive dashboard with customized settings and PDF reports for 70+ users.
- Engineered a secure resume upload system using Cloudinary and Firebase Authentication for reliable storage and access, supporting 100+ detailed report generations; technologies used include React, TypeScript, Vite, Tailwind CSS, Firebase, Cloudinary, Node.js, Express, and Vercel.

Learnify (Ed Tech Platform) [\[GitHub\]](#) | [\[Deployed Link\]](#)

A react based web application which allows users to chat in real time.

- Developed a full-fledged MERN stack EdTech platform with authentication and role-based access for 3 user types (students, educators, administrators), integrating 6 key features like course purchasing, progress tracking, revenue monitoring, uploads, and email notifications.
- Built the front-end with React.js, server-side logic using Node.js and Express.js, and managed efficient data storage with MongoDB.

TECHNICAL SKILLS AND INTERESTS

Languages & Databases:: C/C++, Python, JavaScript, HTML+CSS, Java, SQL, MongoDB, Firebase, PostgreSQL

Cloud, DevOps & Deployment: : AWS (Lambda, S3, DynamoDB, SQS, SNS, Step Functions, ECS, EC2, RDS, API Gateway, Aurora), Docker, GitLab CI/CD

Tools & Platforms:: Git, GitHub, Jira, Postman, Ubuntu (Linux), Cursor AI

Frameworks & Libraries:: Spring Boot, Python Libraries (Pandas, Requests, etc.), Reactjs, Node.js, Express.js, Tailwind CSS, FlaskAPI

Coursework:: Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Database Management System, Software Engineering