Aakash Bhargava

 LinkedIn Profile

 Portfolio Website

 GitHub Profile

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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, Ubuntu (Linux)

Frameworks, Tools & Libraries: Spring Boot, Python Libraries, React.js, Node.js, Express.js, Tailwind CSS, FlaskAPI, Postman, Jira, Git, GitHub

AI & Machine Learning: LLMs, Fine-tuning, RAG (Retrieval-Augmented Generation), LangChain, Model Context Protocol (MCP), Prompt Engineering, Embeddings & Vector DBs (Pinecone, FAISS), AI Chatbots, Automations

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

EXPERIENCE

WonderLend Hubs Pvt. Ltd.   *May 2024 – Present*

Associate Platform Engineer   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 containerized deployments with Docker and Amazon ECR.
- Built an API Integration Automation system handling 5,000+ daily outbound calls for 5+ clients, enabling seamless setup via (1) a config portal or (2) an AI chatbot (MCP + LLM). Automated property generation cut manual effort by 95%.
- Built a Report Query and Merger Service generating and consolidating CSV/XLS reports from SQL queries and S3 sources, reducing manual workload by 95% and supporting 150+ weekly client reports.
- Created an AI-based Support Ticket Resolution System by fine-tuning an open-source LLM on Jira data, automating ticket responses and reducing developer workload by 90%; implemented scheduled monthly retraining for continuous improvement.
- Collaborated with DevOps, QA, and Solutions teams to improve GitLab CI/CD pipelines, debug production issues, and streamline feature delivery under Agile practices.

WonderLend Hubs Pvt. Ltd.   *Jan 2024 - May 2024*

Associate Platform Engineer Intern   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   *May 2023 - Jun 2023*

Software Developer Intern   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.

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.

EDUCATION

Bachelor of Engineering in Information Technology   *2020-24*

Mugneeram Bangur Memorial University, Jodhpur   CGPA: 9.2