AKSHAY DAUNDKAR

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◇ Linkedin.com/Akshay ◇ Github.com/AkshayDaundkar ◇ Akshay Portfolio

SUMMARY

Results-driven Software Engineer with **4+ years of experience** in **Full-stack web development**. Proficient in front-end (**HTML, CSS, JavaScript, React, Angular**) and back-end (**Node.js, SpringBoot, Express.js, FastAPI**) frameworks, skilled in building **Scalable Web APIs**, implementing **Microservices** and **Cloud Technologies**. committed to staying at the forefront of **Web Development**, **Cloud Technologies**, and modern **Gen-AI practices**.

SKILLS

Programming Languages	JavaScript, TypeScript, Java, Python, C, C++,C#
Database Technologies	MySQL, Oracle, MongoDB, PostgreSQL, S3 , DynamoDB, AWSRedshift
Web Technologies	Web Services (REST), ReactJS, NextJs, AngularJS, NodeJS, VueJs, Django,
Cloud Platforms	AWS (All Services), Azure, Spark, Hadoop, GCP, Docker, Kubernetes
Other Technologies	Git, Agile, Android, Big Data, GenAI, Prompt Engineering
Soft Skills	Collaboration, Leadership, Critical Thinking, Problem Solving, Accountability.

EDUCATION

University of Texas at Arlington - MS in Computer Science (GPA-4/4)	Aug 2023 - May 2025
University of Pune - Bachelor's in CS (GPA- 9.2/10)	June 2017 - June 2021

EXPERIENCE

AMAZON - Software Developer Engineer Intern — May 2024 - Oct 2024
AWS, S3, Lambda, Bedrock, SageMaker, Gen-AI, Prompt-Engineering, Python, Java — *Austin, TX*

- Specialized in training Large Language Models (LLMs) and utilizing advanced prompt engineering to customize LLM behavior, achieving a 70% accuracy improvement in Amazon Logistics Relay Application.**Developed a new framework using FastAPI, Langchain & RAG - Relay Assistant to automate the manual process and reduced LLM communication costs by 25%**, enhancing product scalability and reliability. Designed and integrated a comprehensive benchmarking test framework -GALE into the **CI/CD pipeline, ensuring continuous performance monitoring** and contributing to the robustness of overall systems, created a strategic framework that reduced operational costs by 15%.

UTA - Data Analyst/ Machine Learning Specialist — Jan 2024 - May 2024

- Developed efficient data collection strategy to compile data of **10,000+ students** using automation & enabling real-time analytics through Interactive **Power BI, Tableau, Snowflake APIs** dashboards & **Increased student program participation by 15%** (1,500 additional students) through predictive modeling & actionable Insights

ZINNIA (formerly SE2) - Software Engineer II — Aug 2020 - Aug 2023
ReactJs, Java, ASP.NetCore, Restful Web Services, SQL, AWS — *Pune, IN*

- Developed 8 REST APIs using **Java, Spring Boot, Oracle, and ActiveMQ, FastAPI** in microservices architecture, Developed a data processing tool to automate the monthly aggregation and analysis of financial data to generate key metrics from 30+ Insurance companies and **3 million policies**, saving teams **80+ hours per month**.
- Led development of **CI/CD pipelines** using Azure DevOps to support API integrations from internal teams by reducing deployment time by 60%; automated **unit testing with JUnit and Mockito** to improve code quality, designed and implemented a data presentation model to process large volumes of insurance policy data, aggregate the data, and identify insights from the Azure cloud to drive business decisions.

PROJECTS & CERTIFICATIONS

Career Connect AI Driven Job Portal: (SpringBoot, Typescript, AWS Bedrock, React, ChatBot) — Aug 2024
Developed user registration, authentication, and advanced Job search features. Integrated a GenAI-powered chatbot (AWS Bedrock) to match students with employers.

Meta Front-End Developer Professional Certificate	Jul 2023
AWS Developer Associate	Dec 2023
IBM Full Stack Developer Professional Certificate	May 2024