AKSHAY DAUNDKAR

+1(682) 552-9285 ⬦ akshaydaundkar01@gmail.com ⬦ Dallas, TX 76019

⬦ Linkedin.com/Akshay ⬦ Github.com/AkshayDaundkar ⬦ akshaydaundkar.netlify.app

SKILLS

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

EDUCATION

University of Texas at Arlington — Aug 2023 - May 2025
Masters of Science in Computer Science **GPA-4.0** — Dallas, TX

Dr.D.Y.Patil Institute of Technology — June 2017 - June 2021
Bachelors of Engineering in Computer Engineering **GPA-8.91/10** — Pune, IN

EXPERIENCE

Software Developer Engineer Intern — June 2024-Sep 2024
Amazon — AWS, S3, Lambda, Bedrock, SageMaker, Gen-AI, Prompt-Engineering, Python CDK — *Austin, TX*

- Specialized in Training Large Language Models (LLMs): Utilized advanced prompt engineering techniques to customize LLM behavior according to specific business requirements, increasing 15% accuracy and visualised results that helped project managers to take business decisions regarding on Amazon Logistics GenAI products.

- Comparative Analysis of Multiple LLM Models: Evaluated leading LLMs such as Anthropic Claude v3.5, Command Cohere, Jurassic 2, and Amazon Titan (all available on AWS Bedrock). Performed in-depth comparisons to identify the most cost-effective and efficient models for the project.

- Cost Optimization & Efficiency Enhancement: Created a strategic framework that reduced operational costs by 15% in LLM communication. The framework also improved product efficiency and reliability, making the solution more scalable and consistent in performance.

- Benchmarking & Integration into CI/CD Pipeline: Designed and implemented a comprehensive benchmarking test framework, which was integrated into the CI/CD pipeline. This framework functioned as a standalone product, ensuring continuous performance monitoring and improvements, and contributed to the overall robustness of the AI system.

Data Analyst/ Machine Learning Specialist — Jan 2024 - May 2024
University of Texas at Arlington — Requirements gathering, process improvement, data-driven decision making, Tableau, Power BI, Excel, Alteryx, Looker, Kibana, Plotly — *Arlington, TX*

- Developed efficient data collection methods to compile organizational data on 10,000+ students using automation, enabling real-time analytics through interactive Power BI dashboards.

- Increased student program participation by 15% (1,500 additional students) through predictive modeling (regression, time series) and actionable insights

- Accomplished the optimization of existing BI products, resulting in a 20% improvement in dashboard performance by implementing advanced data models for drill-down exploration and visualization

Software Engineer I — Aug 2021 - Aug 2023
Zinnia (formerly SE2) — React, Java, ASP.NetCore, Restful Web Services, SQL, AWS — *Pune, IN*

- Developed and Implemented Large-Scale Web Service APIs for Policy Administration Systems: API Development & Micro-services: Built scalable APIs using ReactJS, ASP.NET Core 5, Spring Boot, SQL, and AWS in a micro-services architecture, optimizing the processing and integration of large volumes of insurance policy data.

- Data Insights & Azure Integration: Designed a data presentation model in Azure to aggregate and analyze policy data, delivering key insights for business decision-making.

- Cross-Functional Collaboration: Worked with engineering, product, and finance teams to understand requirements and develop feature-rich, in-house solutions aligned with business goals.

- CI/CD Pipeline Improvement: Led the creation of a CI/CD pipeline in Azure, reducing build time by 30% and enhancing development speed and efficiency.

Software Developer Freelancer   Jan 2019 - Jun 2023
Seagull IT Solutions — React , Angular , Flutter, WordPress , MERN Stack   *Remote, IN*

- Reached out to 100+ clients while completing 100+ projects in domains like Website Development, Android Development & Cloud Applications. (Completed Projects)

PROJECTS & CERTIFICATIONS

Career Connect AI Driven Job Portal: (SpringBoot, Typescript, AWS Bedrock, React, ChatBot)   Aug 2024
Developed user registration, authentication (email, social media), and profile management (resume upload, skills, certifications). Implemented advanced job search, filtering, and application tracking features.

Integrated a GenAI-powered chatbot (AWS Bedrock) to automatically match students with employers.Built employer functionalities for job posting and applicant management. Added job alerts, saved jobs, and user dashboards summarizing recent activity. Developed an admin portal for managing users, jobs, and generating reports. (Check it here)

Technologies: Spring Boot (backend), TypeScript with React (UI), MongoDB (database), AWS Bedrock (GenAI).

Learning DS and AI Android Application on Play Store : (Java, Android Studio)   Apr 2020
Designed and developed a learning application for students, It has **10k+** downloads, application has Quizzes, compilers, Books, and notes taking sessions with progress tracking and recommendation. (Check it here)

Meta Front-End Developer Professional Certificate   Jul 2022
AWS Cloud Practitioner   Apr 2022
IBM Full stack Developer Professional Certificate   Dec 2023