Aziz Hirani
Software Engineer (Aspiring DevOps Engineer)

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Highly motivated software engineer with a passion for leveraging cutting-edge technologies to solve complex problems. Proficient in cloud engineering, automation, and DevOps, with hands-on experience in AWS, scalable architecture, and building efficient backend APIs. Committed to delivering high-quality solutions that enhance customer experience, drive operational efficiency, and support business growth.

Education

BSAR Crescent Institute of Science and Technology   **2020-2024**
Bachelor's of Technology (Computer Science & Engineering)   CGPA: 9.60/10
Coursework -Cloud Computing, Distributed Systems, AI, Linux Systems, and Project-Based Entrepreneurship

Skills

- **Cloud Services: AWS (S3, IAM, EC2, CloudWatch, Cognito, RDS, VPC**), GCP (Firebase), Docker (CLI), Pulumi (IaaC), EC2, S3
- **Development Tools/Frameworks: Node.js**, ReactJS, **NextJS**, **Express.js**, Fastify, **Swagger** UI, Prisma ORM, **PostgreSQL**, **MySQL**, Kysely (SQL Query Builder)
- Automation & DevOps Tools**: Power BI, Power Automate**, Git/**GitHub**, CI/CD pipelines, **AWS SDK**, Zod, Docker, Pulumi
- Languages & Technologies**: Python**, SQL (Basic), **JavaScript**, **TypeScript** , YAML, HTML5, CSS, PHP
- Other Microsoft Tech: Power BI, **PowerApps**, MS Excel (Advanced)

Experience

Brainvault Technologies Pvt Ltd   **June 2024 - Present**
Backend Engineer | Junior DevOps   **On-Site**
- Engineered scalable **backend** systems with **Fastify, PrismaORM**, and **MySQL/PostgreSQL**, optimizing schema validation using Zod.
- Designed efficient **APIs** with **Kysely** (SQL query builder), reducing storage needs by storing only essential data while automating auxiliary functions to save **time** and **space**.
- Delivered cloud-native solutions leveraging **AWS SDK** for **Cognito** and **S3** with infrastructure **RDS,EC2,VPC** managed via **Pulumi** and **Docker**.

Burhani Technologies   **June 2023 - May 2024**
Intern (MERN Stack Developer) | Process Engineer | MS PowerApps Developer   **Hybrid**
- Performed data analysis using Excel, Power BI, and Access DB, demonstrating strong analytical skills.
- Built a **PowerApps**-**based LMS** Proof of Concept, integrating Power Automate for **workflow automation**.
- Contributed as a process engineer in a React framework project, utilizing **ReactJS**, **Tailwind CSS**, and MS SQL DB for optimizing SQL scripts and designing efficient, logic-driven APIs.

Accenture   **June 2023**
Virtual Internship - Data Analytics and Visualization   **Remote**

Projects

Construction Management Web Application (PowerApps, PowerAutomate):
- Developed a SharePoint-connected web app with modules for Project Management, Worker, Labour, and Payment Tracking, streamlining construction workflows and providing a user-friendly interface to improve operational efficiency.

Legendary Cashflow Backend API (Private -BT)
- Developed and deployed a NodeJS backend API with Swagger documentation, optimized for cloud deployment on **Render**, showcasing expertise in API design and scalable architectures.

Nex-Chat - RealTime Responsive Messenger Web Application
- Built a real-time messaging platform using Next.js, React, and MongoDB, enabling features such as instant messaging, cloud-based media sharing, and online status updates, demonstrating proficiency in scalable web applications.

Nex-Word - Responsive Text Convert Case Web Application
- Designed and deployed Nex-Word, a simple text convert case web application using ReactJS, Bootstrap, and custom CSS/JS formatting, accessible at https://nex-word.netlify.app/.

Certifications

- **KodeKloud -**DevOps Pre-Requisite Course
- **Google (Coursera)-**Introduction to Git and GitHub
- **National Association of State Boards of Accountancy (NASBA)** - Introduction to Artificial Intelligence
- **LinkedIn Learning -**What Is Generative AI? , Generative AI: The Evolution of Thoughtful Online Search
- **Google** - Google Analytics Individual Qualification
- **Cambridge University Press & Assessment English** - Business English Certificate Preliminary - **159(B1)**
- **IIT Madras (NPTEL)** - The Joy of Computing using Python
- **HackerRank -**Python (Basic) Certificate ,Problem Solving Basics(Python)

DevOps Skills

- **Version Control**: Git/GitHub
- **Containerization:** Docker (CLI)
- **Cloud Services:** AWS (EC2, S3, IAM, RDS, VPC, CloudWatch), GCP (Firebase), Pulumi
- **Automation :** Power Automate, Docker
- **Infrastructure as Code:** Pulumi