Ansh Patel

Full Stack Developer | Cloud Engineer

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EXPERIENCE

Lead Full Stack Developer

Innovation and Incubation Centre, PDEU

📅 Jan 2024 - Present   📍 Gandhinagar, GJ

Led the redevelopment and redesign of an existing WordPress-based website to a Next.js based stack.

- Developed a website using Next.js and React, and improved content management efficiency by 25% with Strapi CMS.
- Optimized performance, reducing load time by 20% and improving server response times by 50%.

Full Stack Developer & Cloud Engineer

PRAJAS HANDICRAFT LLP

📅 May 2023 - Present   📍 Ahmedabad, GJ

Engineered a full-stack e-commerce platform, improving efficiency and reducing costs.

- Instituted a **serverless image optimization** and content delivery infrastructure using AWS, reducing image download times by **56,000%**.
- Deployed a full-stack e-commerce website, automating **inventory management** and reducing managerial time by **30%**, enhancing overall performance.
- Utilized **AWS** services including EC2, S3, and Lambda to optimize deployment, reducing operational costs by **70%** and hosting costs by **85%**.

DevOps Engineer & Lead Developer

Pandit Deendayal Energy University

📅 Jan 2023 - Present   📍 Gandhinagar, GJ

Enhanced HR operations and managerial efficiency by designing a high-performance web portal for employee appraisal management.

- Launched a robust **HR Evaluation Platform**, improving **HR** operations efficiency by **25%**.
- Maximized portal performance by integrating Nginx and Gunicorn, reducing **server latency by 30%**.
- Instituted an analytics **dashboard** which streamlined the employee performance review process, reducing **decision-making** time by 25% and increasing managerial efficiency.

Full Stack Web Development Trainer

24 JS INFINITY LLP.

📅 Jun 2022 - Mar 2023   📍 Ahmedabad, GJ

Enhanced intern proficiency and readiness by implementing a tailored web development program, resulting in a 40% increase in project completion rate and a 25% decrease in bug resolution time.

- Successfully **trained over 10 interns**, enhancing their capabilities in software design and web development.
- Collaborated with the CTO to design a specialized web development program, improving intern readiness by 30%.

EDUCATION

Bachelors of Technology in Computer Science

Pandit Deendayal Energy University

📅 2022 - 2025   📍 Gandhinagar, GJ

GPA **9.4** / 10

Diploma in Information Technology

Gujarat Technological University

📅 2019 - 2022   📍 Ahmedabd, GJ

GPA **9.8** / 10

SKILLS

Language & Database

`Python` `JavaScript` `Java` `Scala` `C` `Dart` `Embedded C` `Mongo` `Postgre` `MySQL` `SQLite`

Technologies

`HTML / CSS / JS / TailwindCSS` `Django` `Spark` `Hadoop` `Node` `React` `Next.js` `Express` `REST API` `Flask`

Cloud (AWS + GCP)

`EC2` `ASG` `NLB` `ALB` `SG` `S3` `VPS` `RDS` `SNS` `Route53` `GCE`

PROJECTS

Airfare Prediction using Machine Learning

Designed an airfare prediction system using machine learning to analyze historical data and forecast future flight prices with 91% accuracy.

MedWay - AI Driven Appointment Scheduling

Formulated and deployed a real-time scheduling system using Python, Django, React, and AWS, optimizing doctor availability and reducing patient wait times by over 20% through the use of a Genetic Algorithm.

Hawkeye - Driving Monitor for Heavy Vehicles

Engineered a solution using Python, Django, AWS and Raspberry Pi to monitor driving behaviors, enhancing data collection and analysis in heavy vehicles by 40%.

ACHIEVEMENTS

Google Specialization

Completed the **Google IT Automation with Python Specialization** in 2020, gaining proficiency in Python scripting, IT automation, and network management.

Smart India Hackathon 2020

National Level **Grand Finalist** in the Smart India Hackathon 2020 for developing the Grey Market Complaint Registration System.

Published Patent

Published a patent for "A Safety Device and System" (202121053944), featuring an emergency trigger mechanism for enhanced user safety.