Unique Patel

M.Tech (ICT) – Software Systems

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Dhirubhai Ambani
University
Technology

Formerly DA-IICT

Education

Dhirubhai Ambani University	2024 – Present
CPI: 8.11	*Gandhinagar, Gujarat*
The Maharaja Sayajirao University of Baroda	2020 – 2024
CGPA: 8.95	*Vadodara, Gujarat*
A B School (GHSEB)	2019 – 2020
Percentage: 83.85% *Percentile Rank*: 98.24	*Navsari, Gujarat*
A B School (GSEB)	2017 – 2018
Percentage: 93.00% *Percentile Rank*: 99.72	*Navsari, Gujarat*

Experience

ConfidoSoft Solutions Pvt. Ltd.	Dec 2023 – Jun 2024
Software Developer Intern	*Vadodara, Gujarat*

- Contributed to Innrly, a cloud-based real-time Hospitality Accounting Solutions, by implementing new interface features and improving user workflows.
- Developed dynamic front-end modules using Angular and Bootstrap 5 with a focus on responsiveness and usability.
- Resolved front-end bugs and supported feature updates to ensure application stability and enhance user experience.

Projects

NeuroCanvas Infinity | *React.js, Node.js, Express.js, PostgreSQL*   ⌨

- Created an AI-powered platform where users can generate blog titles, produce images, remove backgrounds or objects and review resumes from a single workspace.
- Built an intuitive dashboard that organizes tools into clear categories to help creators focus on their content rather than complex workflows.
- Designed the platform as a productivity suite that delivers instant results and speeds up creative tasks for writers and designers.

Queue Pilot | *Python, Flask, Redis*   ⌨

- Engineered a scalable, fault-tolerant distributed task scheduling system with dynamic load-based task allocation across worker nodes.
- Implemented heartbeat monitoring and automatic task re-queuing to enable seamless fault recovery and ensure high system availability.
- Leveraged Redis-backed dual-queue architecture for persistent task management and efficient worker coordination.
- Developed a real-time monitoring dashboard to visualize queues, worker health and task execution states for transparent system tracking.

Technical Skills

Languages: C++, JavaScript, Python, SQL
Developer Tools: Git, Postman, Visual Studio Code
Frameworks: React.js, Node.js, Express.js, Bootstrap 5, Tailwind CSS
Cloud / Databases: MySQL, MongoDB, Firebase
Soft Skills: Problem-Solving, Task Ownership, Team Collaboration
Coursework: Data Structures and Algorithms, DBMS, Computer Networks, Operating Systems
Areas of Interest: Full-Stack Development, Competitive Programming, Generative AI / LLMs

Achievements

- Awarded INSPIRE scholarship by DST, Government of India, for securing Top 1% in Class XII Board Examination.
- Completed the Graduate Rotational Internship Program at The Sparks Foundation, earning a Certificate of Excellence along with Bronze, Silver and Gold performance badges.
- Achieved a Top Ranking among registered Geeks of The Maharaja Sayajirao University of Baroda on GeeksforGeeks.

Certificates

- Google Cloud Essentials (Google Cloud, 2021)
- AWS Cloud Practitioner Essentials (Amazon Web Services, 2022)
- LLM Engineering: Master AI, Large Language Models & Agents (Udemy, 2025)

Position Of Responsibility

Internshala Student Partner (ISP 31)   Oct 2022 – Nov 2022
Internshala, India

- Promoted Internshala's platform and internship opportunities within the campus as part of the ISP 31 Program.
- Earned a Victory Certificate for successful participation in Internshala's "Light a Diya" awareness campaign.