Hardik Patel

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EDUCATION

Indraprastha Institute of Information Technology Delhi (IIIT Delhi   Delhi, India
Bachelor of Technology in Computer Science   *December 2020 – May 2024*

EXPERIENCE

Microsoft   May 2023 – July 2023
SWE Intern   *Bengaluru, India*
- Successfully executed a POC for Azure's E+P Department on enhancing their current Azure Usage Billing system of the edge devices which controls the billing of 10000+ devices.
- Integrated a new platform created by Microsoft's Redmond to the department billing system, enabling it to be tested on specified regions of Azure customers with aim to reduce 45% load of the billing pipeline.
- Played a pivotal role for the team in gathering insights, and the team was able to integrate the new pipeline into the existing system. The outcome also impacted the billing system of 5+ Azure departments.

ExtraMarks   May 2022 - August 2022
Machine Learning Engineer   *Noida, Delhi*
- Proposed and developed a model on machine learning and collaborative filtering for the data of students from Neo4j to recommend students' learning paths and course/subject recommendations.
- Assumed a critical model among the company's main recommendation features, currently used by more than 100,000 students through ExtraMarks' app.

PROJECTS

Ollege | NodeJs, React, Express, MongoDB, AWS ⎘*   Sept 2023 - Nov 2023
- Created Ollege, a course reviewing website for students within the college offering reviews on 100+ college courses offered by a college.
- Integrated features student specific features consisting of course chatroom and course resources.
- Enabled safe and encrypted authentication and authorisation with 256-bit encryption.
- Achieved 1st Runner's up in IIIT Delhi E-Cell Hackathon and soon to be deployed and open to students.

Data Collection Platform |NodeJs, Express, Mongo ⎘*   Nov 2023 - Dec 2023
- Led the strategic evaluation of diverse architectures and orchestrated the implementation of a resilient microservices-based system, boasting fail-safe mechanisms for seamless data recovery.
- Expertly integrated services, seamlessly exporting data to Google Sheets using the cutting-edge Google Cloud platform.
- Designed and implemented a scalable solution, effortlessly handling up to 1,000 responses.

TECHNICAL SKILLS

Languages: Proficient in Java, Python, C/C++, PHP, SQL (Postgres), JavaScript, HTML/CSS, GOLang
Developer Tools: Advanced proficiency in Google Cloud Platform, VSCode, Git, Postman, Bash, Figma, Docker, Travis CI, Jenkins, Jira, NGINX
Technologies/Frameworks: Expertise in React, NodeJs, AWS, Dotnet, TailwindCSS, TensorFlow, Next.js, JUnit, WordPress, Django, SEO, Kubernetes, FastAPI, REST

EXTRA CULLICULAR

Orchestrator: Events at IIIT Delhi   May 2022 – May 2024
- Conceptualized, designed, and developed the website/flyer for IIIT Delhi's First Quantum Seminar Talk.
- Expertly coordinated and executed a series of impactful events, including E-Summit IIIT Delhi, and took the lead in organizing the highly successful Research Innovation and Incubation Showcase (RIISE) 2024.

ACHIEVEMENTS

- Recipient of Microsoft's Recognition for Outstanding Contribution in Azure Innovation
- Featured in ExtraMarks' top 10% Innovation Spotlight for Exceptional Machine Learning Contributions