Vedant Tilwani

Creative FullStack Developer

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With almost 3 years of successfully developing pixel-perfect web applications and leveraging cutting-edge technologies, I have significantly improved organizational scalability, user experience and client-side scripts. Skilled in HTML, CSS, TS and Python, I am confident in my ability to bring valuable experience and innovative solutions to any position.

WORK EXPERIENCE

HPE Aruba Networking   2021 – Present
FullStack Developer II

- **Integrated Captive Portals** into Aruba Central while strategically managing and **optimizing data flows**, **enhancing user authentication**, and access control functionalities.
- Implemented **PIM Dense Mode** for Gateways in Aruba Central collaborating with PMs, **enhancing Multicast Communication** capabilities.
- **Collaborated with 10+ cross-functional teams** to design and implement user-friendly interfaces and fixed number bugs on Roles & Policies, VLAN Configurations, Certificates and Port Management **boosting customer satisfaction** ratings by 23%.
- Developed and integrated a **BERT-based model** enhancing the search bar's functionality to deliver precise documentation and page navigation results.
- Oversaw the migration of containers from **x86 processors to AWS Graviton ARM clusters**, optimizing infrastructure effectively and performance.

Cloudesign   2019
Backend Intern

- Developed a **Slack based Attendance Bot**, streamlining attendance, tracking and management processes for the team.
- Utilized the **ELK Stack** to automate the **generation of visually enriched reports and analytics** for clients, enhancing data visualization and streamlining data processing.

PERSONAL PROJECTS

Portfolio Website (link)   2023
React, ThreeJS

- A visually stunning developer's portfolio website showcasing creative designs and technical expertise.

Reinforcement Learning & A* Path Finding (link)   2020
Python, Numpy, Matplotlib

- Accomplished the successful completion of all exercises and questions in 'Reinforcement Learning: An Introduction' by Richard Sutton and expertly implemented the A* pathfinding algorithm, showcasing strong problem-solving and algorithmic skills.

EDUCATION

Manipal Institute of Technology, Manipal   2021
Bachelor of Technology — Computer Science Engineering with Big Data (Minor)   **8.06**

SKILLS

Technical Skills: React, Angular, Typescript, ThreeJS, Python, BERT, LangChain, Async Programming, Agile