Vipul Kumar

Website: mrvipulkumar.com

Email: vipulkumar4321@gmail.com   LinkedIn: https://www.linkedin.com/in/vips-kumar/
Mobile: +91 8765263553   Github: https://github.com/vipulkumar4321

OBJECTIVE

Dynamic and result-driven full-stack engineer eager to leverage technical expertise in delivering high-quality code. Seeking a role where I can utilize and enhance my skills while making meaningful contributions to the organization's goals and objectives.

AWARDS

- 7 times "On the Spot Award" for exceptional skills & attention to detail during a project's difficult time.
- "(S)miles Award" for beyond performance in contribution, assistance, and support.
- "Contextual Master Award" for Excellence and outstanding contribution.

SKILLS

Languages: Java, JavaScript, TypeScript, Python
Frontend: HTML, CSS, React, Material UI, Tailwind, Bootstrap
Backend: Node JS, Express, Flask
Database: MySQL, MongoDB
DevOps: Docker, Nginx, Gunicorn, Git/GitHub
Cloud: AWS, Azure
Methodologies: Data Structures and Algorithms, Agile
Technologies: Backstage.io, Blockchain
Operating Systems: Mac, Linux, Windows

WORK EXPERIENCE

Fullstack Developer   **August 2021 – Serving Notice**
Tata Consultancy Services   *Bangalore, India*

- Worked with product-based clients such as Apple(August 2021 - January 2024), and Waymo (March 2024 - current).
- Built and shipped a powerful Developer tool using Backstage, HTML, CSS, JavaScript, TypeScript, React, and NodeJS; led to a centralized software catalog, restored order to our infrastructure, and enabled the team to ship high-quality code quickly – without compromising autonomy.
- Developed and fixed multiple features by working closely with the Apple team.
- Worked in an agile team; Resolved 50+ features/issues.
- Analyzed and implemented the LDAP implementation to fetch user information from the Apple Directory.
- Set up GitHub App to integrate Backstage to read/publish repositories.
- Created a File Monitoring Tool from scratch. Identified the issue and devised a solution using Python, which made the project viable; resulting in the client proceeding with the project.
- Organized Information Security events consisting of 150+ people.

Web Developer Intern   **March 2020 – Dec 2020**
Venuefy   *Kolkata, India*

- End-to-end Development and deployment of B2C Cross-Platform website.
- Analyzed options for website development and recommended React for Frontend, Express/Node.js for Backend, MongoDB for Database, and AWS for deployment/cloud services; Implementation resulted in a 300%+ rise in customers.
- Involved in the hiring process and shortlisted 100+ people, interviewed more than a dozen, and hired 3 people.
- Worked closely with the Board members and orchestrated the team's efforts to develop the website; resulting in increased users, sales, profits, and cost savings.
- Other works:
  - Automated Agreement Form by developing an API using Flask which gets triggered on form submission and then generates an Agreement Form on the server side; resulting in reduced load, manual work, and onboarding.
  - Developed an OTP-based user authentication system reducing fake data by 90%.

PERSONAL PROJECTS

Bird Species Recognition System | *React, Flask, AWS, Gunicorn, Nginx, Deep Learning*
- Identify bird species from provided images with an accuracy rate of 98%.
- Integrated an inbuilt Wikipedia scraper to provide additional information about recognized bird species.

Web-to-Mobile | *Node.js, Express, AWS*
- Enable users to send messages from websites to designated mobile numbers.
- Showcased versatility in developing cross-platform communication solutions.

Expense Tracker | *React, HTML, CSS, JavaScript, AWS*
- Crafted a simple yet effective static website using React and deployed it on AWS to track yearly expenses.
- Demonstrated proficiency in React development and deployment on cloud infrastructure.

CERTIFICATIONS

- [Microsoft Certified: Azure Fundamentals AZ-900](#) (Microsoft)
- [Design and Analysis of Algorithms](#) (NPTEL - Gov. Of India)
- [Programming, Data structure, and Algorithms using Python](#) (NPTEL - Gov. Of India)
- [Introduction to Git and Github](#) (Google)
- [The Web Developer Bootcamp](#) (Udemy)
- [Blockchain A-Z](#) (Udemy)
- Code-elite Hackathon | 18-hour-long hackathon organized by Virtusa | Runner-up | Developed an Android Application to find the current weather information

EDUCATION

Techno International New Town *B.Tech in Computer Science, MAKAUT (8.76 CGPA)*	Kolkata, West Bengal 2017 - 2021
Chandra Public School *Senior Secondary, CBSE (71%)*	Mau, Uttar Pradesh 2014 - 2016
SMT Ramrati Devi Senior Secondary School *High School, CBSE (8.8 CGPA)*	Mau, Uttar Pradesh 2012 - 2014