VIVEK KUMAR GUPTA

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Objective

Detail-oriented and problem-solving-focused Software Engineer with expertise in developing scalable and efficient applications. Proficient in multiple programming languages, frameworks, and technologies, including React.js, Node.js, and Python. Experienced in building robust systems, optimizing performance, and collaborating effectively in team environments. Eager to contribute to impactful projects and grow as a Software Engineer in a dynamic and innovative company.

Work Experience

Assistant System Engineer, Tata Consultancy Services (TCS)
Dec 2024 - Present

- Developed a Chrome Extension [LINK] to automate tab switching and scrolling across websites, enabling stakeholders to view consolidated statistics and make informed decisions seamlessly.
- Enhanced and managed asset inventory solutions using Microsoft Power Apps, streamlining asset tracking and maintenance processes.
- Used a PowerShell script to automate the installation of essential applications, boosting the productivity of IT engineers and operational efficiency by 400%.
- Resolved 500+ requests without SLA breach.

Full Stack Developer Intern, Software Complete Solution Tech
June 2019 - July 2019

- Developed and maintained web applications with **HTML**, **CSS,** and **JavaScript** to meet client needs.
- Implemented reusable components and optimized front-end code for scalability.
- Worked with backend teams to ensure seamless integration of **REST APIs**.

Skills

Programming Languages: Javascript (ES6+), Python, C++, TypeScript

Frameworks: React.js, Next.js, Redux Toolkit, React Router, Context API, React Hooks

Frontend Development: HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, Bootstrap, Framer Motion, Cross-browser Compatibility, Responsive Design

Backend Development & APIs: Node.js, Express.js, API Development, RESTful APIs, API Design & Integration

Database Management: MongoDB, MySQL

Version Control: Git, GitHub

Deployment & Cloud: AWS, Docker, Netlify

Performance Optimization: Performance Tuning, Scalability Improvements

Other Skills: Problem-Solving, Data Structures & Algorithms (DSA), System Design, Object-Oriented Programming (OOP), Agile Methodologies

Projects

ShortYourl - URL Shortener [Link]
- Developed a **URL-shortening platform** providing businesses with **real-time analytics** including **click counts** and **geolocation data**.
- Empowered businesses to optimize marketing strategies, track user engagement, and increase conversion rates by leveraging data insights.
- A scalable solution capable of handling high traffic, ensuring fast performance for growing business needs.

Technologies Used: Vite, React.js, Tailwind CSS, ShadCN UI, Supabase, React Context API, Git, GitHub, Netlify.

Trello - Task Management Tool [Link]
- Developed a **Kanban board-style task manager** to help teams visually organize tasks, update their status, and seamlessly assign them to team members.
- Streamlined collaboration by enabling real-time updates and status changes ("To Do," "In Progress," "Completed"), improving workflow transparency.
- Simplified task tracking and prioritization, enhancing team coordination and ensuring timely project delivery.

Technologies Used: Vite, React JS, React Router, Tailwind CSS, MongoDB, Mongoose, Express JS, Node JS, React Context API, Chart.js, GitHub, Netlify.

Education

Bachelor of Engineering in Computer Engineering
Lokmanya Tilak College of Engineering, Navi Mumbai, Maharashtra | CGPA: 9.55 | 2020 – 2023

Diploma in Computer Engineering
V.P.M's Polytechnic, Thane, Maharashtra | Percentage: 88.69% | 2017 – 2020