GAURAV SETTY

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EDUCATION

Purdue University   *August 2022 – May 2024*
Master's – Computer Science   *CGPA – 3.89/4*

Visvesvaraya Technological University   *August 2015 – June 2019*
Bachelor's – Computer Engineering

SKILLS

- **Programming Languages:** Python, JavaScript, Typescript, C#, Java, C, C++, Embedded C
- **Web Technologies:** ReactJS, NextJS, Vue, Angular, NodeJS, .NET, ASP.NET, jQuery, Springboot, Django, HTML5, CSS, MongoDB, SQL, NoSQL, GraphQL, RESTful API, Web services, PostgreSQL, Figma
- **Software, CI/CD & OS:** GIT, MySQL, Oracle DB, Google Colab, Jira, Azure, AWS, Agile, Microsoft IIS Manager, Kubernetes, Jenkins, Windows, Linux

EXPERIENCE

Purdue University – Helmke Library   *January 2023 – May 2024*
Software Developer
- Crafted a comprehensive system to digitize and optimize access to the Purdue University Fort Wayne (PFW) archives finding aids.
- Developed the Finding-Aid app using React (Front-end), .NET core (Back-end), and MySQL technologies to ensure data integrity and accessibility, resulting in a 20% reduction in data retrieval time.
- Implemented Angular 14 (Frontend), .NET core (Backend), and MySQL technologies to develop the user interface and experience for the PFW Encyclopedia.
- Incorporated server-side rendering for enhanced performance and user experience, increasing monthly user engagement by 40% and reducing search query processing time by 25%.
- Orchestrated cross-functional team collaboration for seamless project integration and successful delivery.

Infosys Ltd   *January 2020 – July 2022*
Sr. Software Engineer
- Orchestrated the creation of a MERN Stack-based ticketing application for Daimler, empowering employees to create and track support tickets, leading to a 17% optimization in issue-resolution processes.
- Designed and developed a high-impact web application for Nike, focusing on ReactJS and Redux, resulting in a 28% UI efficiency and operational streamlining improvement.
- Showcased team management by leading and mentoring a team of junior developers, resulting in a 50% improvement in user retention and an 11% reduction in app crashes, leveraging microservices architecture.
- Demonstrated strong troubleshooting abilities and delivered superior customer service, achieving a 95% client satisfaction rate.

Knowx Innovation Pvt Ltd   *January 2019 – February 2019*
Software Engineer Intern
- Completed a Full Stack application development internship, creating an IoT-powered security system for prison monitoring.
- Designed a robust prison management mobile application using MERN stack for raising alerts and maintaining safety records of prisoners, contributing to around a 30% increase in overall operational efficiency.

PROJECTS

OneStop - Expert Professional Services at Home
NodeJS, ExpressJS, React, Redux, MongoDB, Prime React, Material UI, CSS, Cypress
- OneStop enables household management with intuitive design and seamless navigation, offering 20% better state management.
- Unique features include personalized service scheduling, real-time tracking, and a curated marketplace.

Covid-19 Supplies
Python, React, Django, SQLite 3, HTML, CSS, API
- Developed a comprehensive medical supply monitoring tool to track the availability of 30 crucial COVID-19 resources.
- Implemented a web application for store owners to manage accounts and supplies, reducing manual data entry time by 75%.

Hoopla - Innovative E-Commerce Platform
Node.js, Express.js, React, MongoDB, Material UI, CSS, Jasmine
- Designed an Amazon-inspired online shopping app, an innovative, secure, and stylish one-click destination.
- Optimized performance resulting in around a 50% reduction in page load time.