GAURAV SETTY

+1 260-977-0744 | gaurav.mg.setty@gmail.com | [LinkedIn](http://http://www.linkedin.com/in/gaurav-setty-362b9318a) | [GitHub](http://https://github.com/Gauravmg6)

**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.