RAVI KUMAR SHARMA

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EDUCATION

National Institute of Technology Nagaland   **Aug 2018 – May 2022**
Bachelor of Technology in Computer Science   *CGPA- 8.67/10*

EXPERIENCE

Publicis Sapient   **Jun 2022 - Present**
ASDE2
- Implementing incremental features for an optimal user experience for the PS InnerSource platform and enhancing the website with **Next.js** and **JavaScript**.
- Effectively collaborating with cross-functional teams (design, product management, backend architecture, and development) to validate prototypes and create responsive, user-friendly interfaces aligned with client specifications.

ASDE1
- Achieved a remarkable **40%** increase in user engagement across diverse devices. Led the development of the PS InnerSource platform as a UI Developer, emphasizing responsive design techniques and leveraging **Next.js** and **JavaScript**.
- Elevated code quality and overall performance by identifying and addressing critical and major code smells in **Static Application Security Testing (SAST)**. Focused on refining code quality to ensure robust and secure software solutions.
- Strengthened code reliability and quality by implementing comprehensive unit test suites using **Jest**. This approach resulted in early bug detection and provided detailed coverage reports from **NYC (Istanbul)**.
- Ensured effective teamwork and project completion through daily **Scrum** meetings. Utilized **Jira** for project management, contributing to the development of top-notch and user-centric software solutions.

PROJECTS

API Compliance Suite | *JavaScript, Node.js, Jenkins, SonarQube*   **Jan 2023 - Jun 2023**
- Implemented Spectral Linters feature for **OpenAPI** and **AsyncAPI**, ensuring compliance and consistency across API specifications by enforcing best practices and adhering to industry standards.
- Integrated **SonarQube** with the **Jenkins** server to enhance code quality and reporting capabilities, effectively improving the overall development process.
- Implemented comprehensive unit test suites using **Mocha** and **Chai**, elevating test coverage from **14%** to an impressive **88%**, resulting in early bug detection and enhanced code quality via detailed coverage reports from NYC - Istanbul.

PillZone | *Java, Spring Boot, React.js*   **Sep 2022 - Oct 2022**
- Designed and developed various frontend functionalities using **React.js** to ensure a seamless user experience.
- Implemented a **Microservice** architecture using **Java** and **Spring Boot**, along with a relational database using **PostgreSQL**. Utilized **Maven** for build automation, **Swagger** for API documentation, and **Logstash** with **Elasticsearch** for faster searches.
- Utilized **Jest** in the frontend to create unit test cases and effectively managed **SonarQube** results for unit test coverage, ensuring high-quality code delivery.

TECHNICAL SKILLS

Languages: Python, Java, C

Web Stack: HTML, CSS, JavaScript, React.js, Next.js, Node.js

Cloud: Azure Fundamentals (AZ-900), Google Digital Cloud Leader

Testing Frameworks: Jest, Mocha, Chai

Databases: MySQL, PostgreSQL, MongoDB

Version Control: Git, GitLab, GitHub, BitBucket

Developer Tools: VS Code, Notepad++, Postman