AMEY SANTOSH RANE

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SUMMARY

SDE with expertise in **Java, React.js, .NET, Laravel, and SQL** specializing in scalable, high-quality solution**s. Masters in Computer Science** focused on software quality and development efficiency. Driven by continuous improvement and committed to delivering high-quality results.
Open to relocation

EDUCATION

❖ **Master of Science (Computer Science),** *Binghamton University, State University of New York*   *AUG 2022 – (Expected) DEC 2024*
   - *Courses*: Design Patterns, Cloud Computing, Programming Languages, Design and Analysis of Algorithms, Computer Security, Data Mining
❖ **Bachelor of Engineering,** *University of Mumbai, Maharashtra, India*   *AUG 2016 – (Graduated) OCT 2020*
   - *Courses*: Software Programming Approach, Java, Data Structures and Algorithms, Software Lifecycle, Database Engineering

TECHNICAL SKILLS

❖ **Languages:** Python, Java, JavaScript, C, C#, PHP, Gherkin, HTML, CSS
❖ **Web Frameworks:** Django, ASP.NET, React.js, Laravel, Ajax, Postman, ISS Node, MVC, XML, JSON, UIAutomator2, Bootstrap
❖ **Platforms:** Linux, Docker, Cucumber, AWS (EC2, Lambda, S3, DynamoDB), Figma, Azure, IIS Server
❖ **Database:** SQL (MySQL, MS-SQL), NoSQL (MongoDB)
❖ **Source Control:** Git, Bitbucket, GitHub
❖ **Editor / Tracking:** IntelliJ IDEA, Visual Studio, VS Code, JIRA, Confluence, Slack, Android Studio, WordPress CMS
❖ **Build Tools:** Apache Ant, Make / Make file
❖ **Testing**: TDD, BDD, Appium, CI/ CD/ CT, IBM Engineering Lifecycle Management (ELM), Selenium, Junit, XCUITest
❖ **Certification:** AWS Certified Cloud Practitioner

PROFESSIONAL EXPERIENCE

❖ **Abbott Laboratories,** *Software Engineering Intern*, Alameda, CA   *MAY 2023 - AUG 2023*
   Skills: Scripting | UI Automation | Debugging | Java | Python | Appium | Bitbucket | CI/CD/CT | Cucumber | Gherkin
   - Developed software to automate user actions on **Android and iOS app for Abbott's CGM (glucose monitoring) products** Contributed to a **20%** reduction in software defects and a **9%** increase in user experience
   - Collaborated with XFN teams, including developers, product managers, and quality assurance engineers, to identify requirements, discuss and align on software-design and to rollout changes into production within project timelines
   - Developed **software in Java and Gherkin to interface with Native app**. Developed extensive documentation to ensure rest of the team could use and extend the software
❖ **TechnoWin IT Infra Pvt Ltd,** *Software Builder*, Mumbai, Maharashtra, India   *OCT 2021 – MAY 2022*
   Skills: Laravel | .NET | C# | Java | React.js | JavaScript | Ajax | PHP | MySQL |Azure |HTML5 |CSS | MVC | Spring Boot
   - As a Software Engineer in **an early-stage startup**, **contributed to development, testing, go to market and after sales support of web apps and solutions for government and educational institutions**
   - Developed Full Stack software, managed software deployment to production and handle database deployments for **websites and app with 5000+ users**. Products we built with **React, .Net, PHP, and Laravel**
   - Provided **technical support and communicating solutions to customers, supporting the rollout** of software products

PROJECTS

❖ **HR Management Service,** React.js| PHP| Laravel| MySQL| MSSQL| Azure| .NET
   - Designed an application that handles Human Resource services (**aka built mini-Workday**), for a local client
   - This resulted in **20%** reduction in time to process HR requests and greatly increased efficiency
   - Managed deployments on **Azure** and provided post release support
❖ **E-commerce Website with CRUD Operations,** Python | Django
   - Built a fully functional e-commerce website using **Django**, enabling users to browse, view, and purchase products
   - Implemented user authentication, product management, and a shopping cart with checkout functionality.
   - Admins can manage products, categories, and orders through a **Django admin interface**
❖ **Course Scheduling Software,** Java | Spring Boot
   - Created course scheduling software for engineering school using Java.
   - The software allowed students to select coursework according to their eligibility and past courses taken
   - Added Features **like excel upload, worked extensively** with **Apache POI/ EPPlus** for performing operations of student details
❖ **Health Monitoring/Security System for Alzheimer's,** Python| R-pi| React Native| Firebase| GPS
   - Developed software system to alert, remind, and escalate when needed for an Alzheimer's patient.
   - System leveraged Rasberry-pi to sense health events and it also included a mobile application for the user to get alerts and connect with the care personnel

Extracurricular Activities & Leadership

❖ **Publication:** Health Monitoring/Security System for Alzheimer's Patient (IRJET), Volume 7, Issue 05, May 2020)
❖ Worked part-time with **Sodexo**, managing on-campus dining operations while pursuing a Master's degree, showcasing strong time management and teamwork skills**.**