RAJASHREE NAIR

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EDUCATION

University of Utah	Salt Lake City, UT, USA
Master of Science in Information Systems	*08/2023 – 12/2024*
Savitribai Phule Pune University	Pune, India
Master of Computer Application	*05/2019 – 06/2022*
Savitribai Phule Pune University	Pune, India
Bachelor of Computer Application	*05/2015 – 06/2018*

TECHNICAL SKILLS

Front-End Web Development: ReactJs,Nextjs, VueJs, Angular, JavaScript, TypeScript, Bootstrap, CSS3, HTML5, Tailwind CSS
Backend Web Development: Node.js, Express.js, Python, Java / **Database:** MongoDB, SQL
Salesforce Development : Visualforce,Salesforce Admin Tasks (flows, permissions, page layouts, experience sites).
Cloud: Azure Functions, Jenkins / **Tools** : VS Code,Workbench,LucidChart
Certification: Amazon Web Services (AWSCertified Developer - Associate Level), CIW Web Development Professional

PROFESSIONAL EXPERIENCE

Valueadd Softtech &Systems Pvt.Ltd. — Pune, India
Associate Software Engineer,MERN Full-stack Developer — *01/2021 – 07/2023*

- Crafted user-centric interfaces using **React.js** ,**Next.js** and **TypeScript**, leveraging optimized **React Hooks** to boost user engagement by 65%.
- Designed and optimized backend systems using **Node.js**, **Express.js**, **MongoDB**, alongside **Java** and **Python**, increasing application efficiency by 35% and ensuring scalability.
- Addressed and resolved bugs and conducted comprehensive unit testing, achieving 95% code coverage.
- Architected and integrated **RESTful APIs** to support seamless data handling and enhance scalability across applications, reducing data processing time by 50%.
- Optimized front-end application responsiveness with **Tailwind CSS**, resulting in a 30% improvement in load time and UI performance.
- Maintained high standards in software quality by enforcing code coverage metrics, achieving 100% on new developments and 60% on legacy systems across large-scale projects

Maxgen Technologies Pvt.Ltd — Pune, *India*
Software Engineer Intern — *08/2018 – 08/2019*

- Collaborated with design teams to implement responsive, user-friendly interfaces, achieving 95% design accuracy.
- Implemented backend processing tasks in **Java** and **Python**, optimizing data handling processes and increasing system functionality by 65%.
- Designed and implemented **responsive web pages** using **HTML5**, **CSS3**, and **JavaScript** and user experience by 30%
- Troubleshot and resolved front-end issues, improving system reliability and reducing bug reports by 50%.

PROJECTS

Client Care System (*Technologies: React.js, Node.js, Express.js, MongoDB*) — *02/2022 – 06/2022*

- Created interactive and visually appealing dashboards using React to provide real-time insights into customer queries and system performance.
- Report Generation Implemented features to generate detailed reports on customer interactions, query resolution times, and service metrics.

Patient and Doctor Appointment System (*Technologies:Python,SQLite*) — *03/2024 – 06/2024*

- Developed application for patients to book appointments and for doctors to manage schedules using **Python** and **SQLite** for database management.
- Implemented user roles for patients, doctors, and admins with secure authentication using JWT.

Additional Information

Experience in diagramming/documenting processes using LucidChart.
Strong analytical and problem-solving skills with a focus on scalability and performance optimization.
Successfully managed multiple projects simultaneously, maintaining flexibility and high-quality standards.