Neha Nooka

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Summary: With 3+ years of experience across software development, mobile app development, and cloud infrastructure, I've built a solid foundation in designing efficient, high-performing applications. My certifications coupled with expertise in AWS, GCP, and Azure, further enhance my ability to deliver robust, scalable solutions across multiple platforms.

EXPERIENCE

Software Engineer | Signarama   *Aug 2024 – Present*

- Developed a chatbot using no-code agentic workflows for internal use, guiding team members through processes at Signarama, enhancing onboarding and training efficiency by 20%.
- Designed and implemented automation solutions for Trello boards, increasing task management efficiency by 35%.

Data Science Researcher and Teaching Assistant | University of Maryland, Baltimore County   *May 2023 – Nov 2024*

- Managed 30+ datasets for Center for Women in Tech assessment using advanced Excel functions and Python, generating 10+ reports and 30+ visualizations with Tableau and Power BI.
- Mentored 50 students for 'Natural Language Processing' course, providing constructive feedback, and conducting tutoring sessions to improve academic performance and understanding.
- Initiated and directed data collection, analysis and presentation resulting in a seamless transition and minimal data loss.
- Employed ETL processes and advanced Excel functions for data cleansing, transformation, and visualization.

Software Engineer| Accenture   *Sep 2021 – Aug 2022*

- Redesigned and enhanced an internal time tracker application using ASP.NET Core MVC, improving user experience for employees tracking efforts on ServiceNow tickets, and implemented data visualizations for managers, increasing reporting efficiency by 25%.
- Optimized code to improve application performance, resulting in 15-18% increase in page load times, leveraging unit testing and CI/CD pipeline using Jenkins to enhance the overall user experience.
- Debugged the application, employing advanced troubleshooting techniques and automated testing, delivering high-quality code and resulting in a 20% faster page load time.

Software Engineer | La Net Software Solutions   *Jan 2021 – Sep 2021*

- Designed and built a ridesharing application from scratch during the training phase, using React Native, TypeScript, and AWS services like AWS Amplify, CloudWatch, and Pinpoint to ensure seamless user interaction and efficient data management.
- Developed a restaurant application with user-friendly interfaces, interactive menus, real-time order tracking, payment gateways, and multilingual support, which led to 30% reduction in order processing time.
- Managed multiple React components efficiently using Redux, significantly enhancing productivity by 50%-60% through streamlined development processes and increased code reusability.

PROJECTS

Cab Around (Mobile Application)

- Engineered a dual ridesharing app using React Native, GraphQL, and AWS services, achieving 99.5% uptime.
- Key features include vehicle-type booking, real-time driver updates, seamless payments, a chatbot boosting engagement by 15%, trip histories, and saved locations for 25% quicker bookings.

Digi Mart (Web Application)

- Designed, developed, and deployed on AWS an ecommerce website with secure payment gateway integration, utilizing Java, MVC architecture, HTML5, CSS3, JavaScript, and third-party APIs for enhanced functionality and user experience.
- Containerized the web application using Docker for a consistent and isolated development environment; deployed on a Kubernetes cluster for improved scalability and reliability.

Smart Personal Finance Assistant

- Developed a personal finance assistant using Python and React.js that helps users manage their expenses and savings through predictive analytics and personalized insights, resulting in a 25% increase in savings over six months.
- Created a machine learning model leveraging historical spending data to categorize transactions, forecast monthly budgets with 90% accuracy, enabling users to better manage their finances and avoid overspending.

EDUCATION

University of Maryland, Baltimore County (GPA: 4.0/4.0)   *Aug 2022 – May 2024*
Master of Professional Studies in Data Science

Uka Tarsadia University (GPA: 9.85/10)   *Aug 2017 – May 2021*
Bachelors in Information Technology

TECHNICAL SKILLS

- **Languages & Frameworks:**   C, C++, C#, Java, Asp.Net, Node.js, PHP, Python, R, Splunk, Next.js
- **Front End Technologies:**   HTML, CSS, JavaScript, Typescript, jQuery, GraphQL, Redux, React.js
- **Databases:**   SQL (MySQL, Oracle, PostgreSQL, PL/SQL), NoSQL (MongoDB, Redis)
- **Cloud Services:**   AWS, GCP, Microsoft Azure, Docker, Kubernetes, Hadoop, Redshift
- **Mobile App Development:**   Android, Flutter, React Native, Firebase
- **Microsoft Certifications:**   Power Platform Solution Architect Expert, Data Analyst Associate, Security, Compliance, and Identity