NILANK SHARMA

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Full-Stack Developer
Adaptability | Ownership | Impact-Driven Execution

Motivated & results-driven developer with a solid academic foundation & diverse professional experience. Recognized for rapidly adapting to new challenges & consistently delivering high-quality, impactful solutions. Demonstrates strong ownership, a collaborative mindset, & continuous drive for improvement—contributing effectively to innovation & overall project success.

PROFESSIONAL EXPERIENCE

Full-Stack Developer, MassMutual, Boston, MA   March 2022 – Present

- Migrated ~74,000 annuity contracts from a legacy .NET application to a modern ReactJS-NodeJS stack, enabling ~60,000 customers to view contract details & perform transactions online, significantly enhancing digital engagement.
- Engineered a scalable React component library using HOCs, Custom Hooks, & Context APIs, reducing feature development time by 25% & enabling faster, more consistent UI rollouts.
- Designed & implemented robust API integration between the React frontend & NodeJS backend, incorporating error handling, logging, & rate limiting, which improved system reliability & reduced customer support tickets by 20%.
- Utilized feature management using LaunchDarkly, increasing deployment cycles by 30% & reducing production risks by 25%. Also developed dynamic banners to deliver real-time customer messages in the production environment.
- Constructed a local caching system to optimize redundant calls to Authorization Servers, resulting in a 15% performance boost and a 35% cost reduction for the business.

Software Engineer, Parexel International, Billerica, MA   February 2020 – December 2021

- Automated ETL processes, making it easier to wrangle data & reducing time by as much as 20% & achieved high performing streaming data solution with improved performance for compliance product.
- Created a full-stack internal web application utilizing Django REST Framework, React, and Bootstrap to facilitate real-time interaction through AJAX-driven APIs.
- Enhanced internal data access capabilities, minimizing the need for manual lookups across multiple business units and improving workflow efficiency by 25%–30%.

Full-Stack Developer Intern, Atlca Solutions LLC, Raleigh, NC   August 2018 – December 2018

- Outlined & orchestrated full-stack architecture using Django 2.0, Angular v6, & MongoDB, based on client requirements. Successfully completed Beta release to 2,000 users, achieving 100% client satisfaction & positive initial user feedback.

Web Developer, WebCraft IT, India   June 2015 – May 2017

- Crafted a dynamic and interactive website that ensured high traffic, page views, and good user experience, resulting in a 30% increase in sales revenue.
- Participated in all phases of Software Development Lifecycle for 3 projects with 100% on-time delivery while staying under budget by earning the highest customer satisfaction rating for all software solutions delivered.

EDUCATION

MS in Information Systems at Northeastern University   September 2017 – December 2019
BE in Electronics & Communication Engineering at RGPV   August 2011 – June 2015

TECHNICAL SKILLS

Programming Languages: Java, SQL

Web Technologies: JavaScript, TypeScript, React, Angular, Spring, Hibernate, Java Swing, NodeJS, ExpressJS, REST APIs, HTML5, CSS, SCSS, Webpack

Database: Oracle 10g, MySQL 5.4, PostgreSQL 10, MongoDB, MS SQL

Tools: Git, GitHub, Figma, Jira, New Relic, Sumo Logic, Terraform, Swagger, Jenkins, Snyk, Quantum Metric, Postman