

# Prem Goswami

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## PROFESSIONAL PROFILE

Full Stack Developer & AWS Certified Solutions Architect (SAA-C03) with nearly 5 years of experience building scalable web applications and backend systems across fintech, logistics, and operations automation. Proficient in modern JavaScript frameworks (React.js, Node.js), object-oriented programming (Python), PostgreSQL, RESTful API design, and serverless architectures (AWS Lambda). Experienced in CI/CD automation using GitLab and Docker, and containerized Linux-based deployments. Recognized for delivering production-grade software with clean code, responsive UI/UX, and real-time data integration. Adept at collaborating with cross-functional teams in Agile environments to design ERP-like business process tools, integrate complex systems, and refactor legacy code for performance and maintainability. Known for quickly adapting to new domains and delivering high-impact solutions under tight deadlines.

## PROFESSIONAL EXPERIENCE

### Broadridge Financial Solutions

05/2022 – 09/2023

#### Software Engineer

- Developed backend REST APIs using Node.js, Express, and PostgreSQL for a financial services client.
- Collaborated with QA, DevOps, and security teams to ensure timely releases and eliminate critical vulnerabilities, achieving 99.9% uptime and on-time release delivery.
- Collaborated with cross-functional teams to implement scalable APIs that facilitated rapid feature rollout, increasing delivery speed by 30% and enabling the successful launch of 15+ new features within six months.
- Constructed reusable API components following microservices architecture, increasing scalability and developer productivity.
- Optimized backend systems by designing 20+ RESTful APIs with PostgreSQL integrations, improving data retrieval efficiency by 35% and supporting real-time data processing for mission-critical applications.
- Mentored and onboarded 5 junior developers through code reviews, pair programming, and structured knowledge-sharing sessions, boosting team productivity and code quality.
- Authored and maintained API documentation using OpenAPI (Swagger), facilitating faster onboarding and reducing developer support requests.

### Dell EMC Corporation

03/2020 – 04/2022

#### Software Engineer

- Orchestrated end-to-end front-end development lifecycle for multiple high-impact projects, streamlining the SDLC process and reducing delivery time by 30% while ensuring adherence to quality standards.
- Designed responsive UI using ReactJS, Bootstrap, and jQuery, ensuring mobile and desktop compatibility across all major browsers.
- Utilized JWT-based authentication, encrypted uploads, and dynamic UI rendering to support secure, role-specific features.
- Conducted UI performance tuning and load-time optimization, reducing portal load times by 30%.
- Collaborated with cross-functional teams (backend, QA, and business analysts) to ensure seamless delivery of features under tight deadlines.
- Received client appreciation for delivering a scalable and user-friendly portal that reduced manual NRI service processing by 70%.
- Conducted performance testing and UI optimizations using Lighthouse and Chrome DevTools, resulting in 30% faster load times.

## HDFC ERGO General Insurance

01/2019 – 02/2020

### Full Stack Developer - Insurance Workflow & Claims Automation Systems

- Led development of a comprehensive Policy Management System enabling seamless purchase, renewal, and updates for general insurance policies, increasing operational efficiency by 25%.
- Designed and implemented user-centric front-end components using React.js, Bootstrap, and Redux, improving responsiveness and cross-device compatibility, contributing to increase in user satisfaction scores.
- Crafted and refined over 150 complex SQL queries to streamline risk assessment processes, resulting in a 40% improvement in data accuracy and a 30% reduction in processing times.
- Integrated AWS services including S3 for document storage and Lambda functions for automated email alerts and claim validation, reducing manual workload by 40%.
- Worked closely with cross-functional teams—product managers, underwriters, QA, and DevOps—in an Agile environment to deliver biweekly features and fixes improving time-to-market.
- Conducted weekly code reviews, applied ESLint and Prettier for maintaining code quality, and sustained API documentation through OpenAPI (Swagger).
- Ensured robust code reliability via CI/CD practices using Git, Docker, and established unit/integration testing protocols.
- Created **object-oriented React components** and integrated AWS services (S3, Lambda) for document storage and automated notifications.

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## CORE COMPETENCIES

Full Stack Development (React.js, Node.js, Python, Java) | OOP Principles | REST API Architecture | Cloud Computing (AWS) | Containerization & Orchestration (Docker, Kubernetes\*) | Database Design & Optimization (PostgreSQL, MySQL) | ERP & Business Process Automation | CI/CD Automation (GitLab, Git) | Agile & Scrum | Security & Compliance | Cross-Functional Collaboration | Legacy Code Refactoring | Automated Testing (Jest, Postman)

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript (React.js, Node.js), Python, SQL, HTML5, CSS3, Tailwind, Typescript  
**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS, CloudFormation), Docker, GitLab CI/CD, Git  
**Databases:** PostgreSQL, MySQL, DynamoDB  
**Tools & Platforms:** REST APIs, Postman, VS Code, GitHub, Linux, GraphQL  
**Methodologies:** Agile, Scrum, Test-Driven Development (TDD), SDLC, Unit Testing

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## EDUCATION

Master's in Information Systems and Technology  
**University of North Texas**, Expected Graduation: December 2025 | **GPA: 3.9/4.0**

01/2024 – 12/2025

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## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-C03)
- CompTIA Security+ (SY0-701) – LinkedIn Learning
- AI in Business Essential Training
- Full Stack Development