

PRODIP ROY

Senior Full Stack Software Engineer

✉ prodip5080@gmail.com ☎ (+880) 1926813104 📅 1991-04-18 🇬🇧 Bangladeshi

🔗 prodiproj.info 🌐 <https://www.linkedin.com/in/sr-prodiproj> 🏠 github.com/prodiprb

📍 Khilkhet, 1229 Dhaka (Bangladesh)

PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with **7+ years of experience** building scalable, high-performance web and mobile applications. Strong expertise in **JavaScript, Node.js, React, Next.js, PHP (Laravel)**, and **AWS cloud services**. Proven ability to design **REST APIs, microservices, and database architectures**, optimize system performance, and deliver production-ready solutions used by **10,000+ users**. Experienced in **Docker, CI/CD, Agile/Scrum**, and cross-functional collaboration.

CORE TECHNICAL SKILLS

Programming Languages

JavaScript (ES6+), TypeScript, PHP, Python

Databases

MySQL, PostgreSQL, MongoDB, Firebase

Mobile & Realtime

React Native, Expo, WebRTC, Socket.IO

Frontend Technologies

React.js, Next.js, Vue.js, HTML5, CSS3

Cloud & DevOps

AWS (EC2, S3, VPC, Route53, CloudFront), Docker, Nginx, CI/CD

Tools & Platforms

Git, Jira, Linux, Agile/Scrum

Backend Technologies

Node.js, Express.js, Nest.js, Laravel, CodeIgniter, REST APIs, Fast API, WebSockets

Architecture & Concepts

Microservices, MVC, JWT Authentication, API Security, System Design

MCP & AI Agent

MCP Server, n8n, Auto Blogging

PROFESSIONAL EXPERIENCE

02/08/2021 – Current
Dhaka, Bangladesh

Genex Infosys PLC.

Senior Full Stack Software Engineer

- Designed and developed scalable full-stack applications using **React, Node.js, Laravel, and AWS**.
- Architected **RESTful APIs and microservices**, improving system maintainability and scalability.
- Improved application performance by **25%** through database query optimization, API refactoring, and backend performance tuning.
- Reduced production bugs by **30%** by strengthening code reviews, test coverage, and QA processes.
- Designed **database schemas, ER diagrams, and data flow diagrams (DFD)**.
- Collaborated with cross-functional teams in **Agile/Scrum** environments.
- Delivered production features actively used by **10,000+ users**.
- Resolved Jira tickets through effective debugging and root-cause analysis.

01/09/2019 –
30/07/2021
Dhaka, Bangladesh

Innovation Place BD Limited

Full Stack Software Engineer

- Built and maintained **full-stack web applications** using PHP, JavaScript, and modern frameworks.
- Developed reusable, maintainable, and well-tested code following coding standards.
- Performed **unit testing, bug fixing, and system optimization**.
- Participated in **code reviews, system integration, and deployment processes**.

- Adapted applications to evolving business and technical requirements.

01/07/2017 –
30/08/2019
Dhaka, Bangladesh

Dhaka IT International Limited

Software Engineer

- Developed internal web systems and automated reporting tools.
- Improved sprint delivery by optimizing **task planning and resource allocation**.
- Created reporting dashboards to analyze **sales and customer data**.
- Ensured timely project delivery aligned with business requirements.

EDUCATION

01/07/2012 –
30/08/2013
Dhaka, Bangladesh

Master of Science

National University
Titumir College, Dhaka

01/08/2012 –
30/08/2013
Dhaka, 1212 Dhaka
(Bangladesh)

Master's Program Course Information &. Communication

National University
Titumir College, Dhaka

LANGUAGE SKILLS

Bengali

Mother tongue

English

Professional

German

Basic Conversation