

PRASANTA BHATTACHARJEE

Full-Stack Software Developer

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PROFESSIONAL SUMMARY

Full-Stack Software Developer with 6+ years of experience, including 3+ years in senior roles. Known for improving system stability, speeding up deployment cycles, and delivering high-performing web applications used by thousands of users. Led backend refactors that reduced downtime and improved load times. Introduced automated CI/CD pipelines that streamlined releases and reduced manual deployment errors. Experienced in leading development teams, mentoring junior engineers, and driving continuous improvement in fast-paced Agile environments.

TECHNICAL SKILLS

Languages: PHP 8+, Python **Web:** Bootstrap, CSS3, HTML5, jQuery, Tailwind CSS

Frameworks: CodeIgniter, Express.js, Flask, Laravel 9+, Node.js (Runtime Environment), React.js, Vue.js

Databases: MongoDB, MSSQL, MySQL, PostgreSQL, SQL

Tools: AWS, Bitbucket, Bluehost, CI/CD, cPanel, Docker, Git, GitHub, Jira, Slack

Practices: Agile/Scrum, Design Patterns, DevOps, MVC, OOP, PHPUnit, RESTful APIs, Unit Testing

WORK EXPERIENCE

Senior Software Developer | *Journeymakerjobs — Sylhet, Bangladesh*

June 2019 – August 2022

- Developed and maintained a large-scale job portal platform to improve performance and user experience.
- Built scalable Android application APIs and PHP-based systems with REST API integration.
- Led a developer team by assigning tasks, reviewing code, and ensuring timely sprint delivery.
- Optimized search algorithms and database queries to improve speed and accuracy.
- Improved security by stabilizing legacy code and upgrading authentication with bcrypt and CSRF protection.

Software Developer | *IT Lab Solutions Ltd — Sylhet, Bangladesh*

April 2016 – May 2019

- Developed and led task management and POS systems with a developer team.
- Designed and optimized databases to support inventory, reporting, and user management.
- Resolved performance issues, improving system speed, reliability, and user satisfaction.
- Built advanced POS features for inventory forecasting and financial management.
- Streamlined legacy systems with Composer migration, query optimization, and CSV import automation.

EDUCATION

M.Sc. in Computer Science — University of Lethbridge, Alberta, Canada (Awarded February 2025)

B.Sc. in Computer Science & Engineering — Metropolitan University, Bangladesh (Awarded June 2016)

CERTIFICATION & AWARDS

- **Best Paper Award** – 28th Intl. Conf. on Network-Based Information Systems (NBIS-2025).
- [Introduction to Career Skills in Data Analytics](#) – LinkedIn Learning, (2025).

PROJECTS

- **Life Story Collector (Ongoing)** – React-Python app generating multilingual autobiographies from interviews.
- **E-Commerce Platform (Ongoing)** – Scalable Laravel-React marketplace with product, cart, and payment integration.
- **Ensemble DNNs for Real-Time Weather Prediction** – Clustered streaming data used to forecast emergency severity.
- **Job Portal** – Multi-module recruitment system built with Laravel/MySQL and MailChimp automation.
- **The Hub** – Real-time project management tool with attendance and email modules (CodeIgniter).
- **Dokani POS** – Retail POS solution integrating sales, inventory, and accounting modules.
- **UI/UX Portfolio** – Self-initiated web and mobile design concepts showcased on [Behance](https://behance.net) using Figma and Photoshop.