

# Bijit Sinha

Backend Developer | 3+ years Experience | Guwahati

Portfolio: <https://bcoder-github.github.io/portfolio/>  
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## Work Experience

June 2020 - Present

**Cognitive Tech**

Guwahati

### Senior Backend Developer

Led backend services and database maintenance, improving system efficiency. Implemented version control for code quality and bug reduction. Swiftly debugged and resolved application issues. Collaborated with front-end team for seamless integration. Contributed to feature development and optimized code for scalability. Guided and trained junior developers on best practices. Proficient in MySQL and PostgreSQL, maintained comprehensive documentation.

June 2019 - April 2020

**Billion Atom**

Guwahati

### Chief Proctor

Facilitated exams in North-East region, addressing technical issues. Managed venue setup, software installation, and office documentation for smooth operations.

## Projects

**Cognitive Tech**

Guwahati

### Online Form Fillup And Result Generation Portal

- Executed end-to-end development for an Online Exam & Result Portal using Laravel Framework.
- Implemented role-based access and user-friendly interfaces, optimizing admin, instructor, and student experiences.
- Introduced features for streamlined online form submission, automated result generation, and real-time progress tracking.
- Successfully launched the portal, improving overall user satisfaction and operational efficiency.
- Integrated diverse payment gateways: 1Pay, SBlePay, PayU, CCAVENUES for seamless transactions.

### Physical Examination For Various Examinations

- Engineered robust system: PST data retrieval, real-time biometric verification, dynamic result generation.
- Advanced features: biometric capture, verification, image/document capture, third-party software integration.
- Implemented report generation, enabling flexible exam date changes.
- Enhanced security with biometric and document verification.
- Integrated third-party software for streamlined workflow.
- Automated result generation for immediate feedback.
- Implemented cron jobs for reliability and timely data processing.

### Assam Police PIMS

- Led creation of a robust Management & Digitalization system for employees' data.
- Facilitated real-time data entry and migration from paper records.
- Implemented role-based system for tailored reports and dashboards.
- Spearheaded digital transformation, simplified data tracking, ensured real-time accuracy.
- Contributed to user-friendly experience with intuitive design and role-specific dashboards.

## Skills

Technical Skills: C, C++, PHP, JavaScript, Laravel, MySQL, PostgreSQL

Professional Skills: Problem Solving, Collaboration, Communication, Adaptability, Project Management, Continuous Learning, Code Review and Collaboration, Leadership, Quality Assurance, Documentation

Version Control: Git, GitHub

## Education

**Assam Engineering College** : Master Of Computer Application (MCA) - August 2016 - July 2019

**Guru Charan College** : Bachelor Of Degree (Computer Science Honours) -August 2012 - June 2016

## Awards

**2023: OUTSTANDING PERFORMANCE** award in Cognitive Tech

**2018: Certified Cyber Security Analyst**, professional training program in 2018

**2017:** Participated in Web Development Workshop in Udbhavanam 2017 (A National Level Technical Festival) held in Assam Engineering College

## Languages

English

Hindi

Bengali

Bishnupriya Manipuri