

SAMPAD KUMAR SINGHA

Software Engineer

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Having a degree in computer science and engineering, I aspire to become a web developer. My expertise in backend development is a result of my working experience in both solo and team projects. With agility, diligence and hard work, I intend to achieve my career goals.

EDUCATION

Pabna University of Science & Technology B.Sc. Engineering in Computer Science and Engineering CGPA: 3.20 / 4.00	Mar 2019 - Jan 2025
Govt. Edward College, Pabna Higher Secondary Certificate GPA: 5.00 / 5.00	Jun 2015 - Apr 2017
Pabna Zilla School Secondary School Certificate CGPA: 5.00 / 5.00	Jan 2007 - Feb 2015

TECHNICAL SKILLS

Languages	: PHP, JavaScript, C/C++, Python, SQL.
Frameworks	: Laravel, React.
UI Libraries	: Bootstrap, Material UI, Tailwind CSS.
DBMS	: MySQL, MySQL Workbench, SQLite.
Version Control	: Git, Github.
Productivity	: MS Word, MS Excel, MS PowerPoint, Google Docs, Google Sheets.
Others:	: Postman, Github Projects, Jira, Figma, JetBrains IDEs.

THESIS & PROJECTS

Undergraduate Thesis

Detection of Alzheimer's Disease Using Deep Learning Approach [↗](#)

- Objective 1: To develop two deep-learning models to classify various stages of AD using MRI scans
- Objective 2: To evaluate and contrast the effectiveness of the two Deep Learning architectures: ResNet50v2 and a sequential model.
- Objective 3: To automate the analysis of brain imaging data, thereby reducing the need for manual interpretation and minimizing diagnostic subjectivity.

Projects

Department Automation System [↗](#)

Laravel, React, REST api, MySQL

Team project for learnathon 3.0

- A solution to manual processes of university departments.
- Laravel is used in back-end to implement authentication, authorization, policy, and handle HTTP requests made from front-end.
- Front-end is implemented using react and tailwind CSS.

Online Bank Management System [↗](#)

Laravel, PHP, MySQL

- A bank management system based on laravel framework.

- The system incorporates registration and authentication processes, combining two-factor authentication.
- User can Create, view, and manage accounts.

Portfolio Website

React, JavaScript, Material UI, Firestore

- A portfolio website of a fresh graduate that showcases his academic projects and researches.

Quiz Master

React, Firestore

Random quiz generator which fetches quizzes from Open Trivia DB API.

TRAINING

Learnathon 3.0 by Geeky Solutions

Leader, Team Artisan Forces (PHP)

COURSES

- **30 Days to Learn Laravel** | Laracast
- **Learn React and Advanced React** | Scrimba
- **Developing Cloud Apps with Node.js and React** | IBM
- **HTML, CSS, and Javascript for Web Developers** | Johns Hopkins University

EXTRA-CURRICULAR ACTIVITIES

Vice President

Programming Club, PUST

Jun 2024 - Present

Treasurer

PUST Film Society

Sep 2020 - Sep 2022

SCHOLARSHIPS & AWARDS

- **Scholarship (General)** | Higher Secondary Certificate, 2017.

LINGUISTIC PROFICIENCY

- **English** | Fluent working proficiency
- **Bengali** | Native

REFERENCES

Dr. Md. Abdur Rahim

Associate Professor

Pabna University of Science and Technology

rahim_bds@yahoo.com

Nakib Aman

Lecturer

Pabna University of Science and Technology

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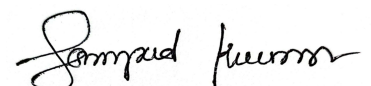
Nitun Kumar Podder

Lecturer

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I thus certify that, to the best of my knowledge and belief, the information included in this curriculum vitae about me is accurate. I shall assume full responsibility for any inaccuracies contained within this document.



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