

# Prateek Roy

## Full Stack Developer

Creating interactive user experience via web applications.

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📄 prateekroy96.github.io/portfolio-v2/

🐙 github.com/prateekroy96

## WORK EXPERIENCE

### Full Stack Developer (2 yr)

Beadcore InfoTech Pvt. Ltd.

11/2019 - Present

Noida, UP

#### Responsibilities and Achievements

- Full lifecycle application development including design, development and maintainance.
- Create highly secure, scalable and well designed web applications while maintaining testability and efficiency.
- Learning and studying state-of-the-art techniques and tools for web application development.
- Document and simplify each software functionality for enhanced readability and understanding.
- Taking constant feedback from clients to comply with their plans and standards. Secured the confidence of over 20 clients who now regularly use our attendance management product.
- Mentored two newly onboarded interns on application frameworks and software development cycles.
- Optimized the company's existing attendance management application's backend to increase throughput significantly; now dealing with thousands of requests each minute.
- Developed an analytics dashboard alongside a data warehouse to provide real-time procurement data crucial for business intelligence.
- Redesigned the application UI to enhance user experience. Also received commendations for the same.

## EDUCATION

### B. Tech Civil Engg.

IIT Kanpur

07/2014 - 05/2018

7.2 CGPA

### Senior Secondary (12th Grade)

Goodley Public School, Delhi

04/2013 - 03/2014

93.2%

### High School (10th Grade)

Goodley Public School, Delhi

04/2011 - 03/2012

10.0 GPA

## SKILLS

JavaScript

TypeScript

HTML

CSS

Angular

Node.js

MySQL

MongoDB

Docker

Github

Heroku

## PROJECTS

### Attendance Management System (11/2019 - Present)

- A scalable web application to manage the attendance of employees in several companies via facial recognition.
- Responsible for development and maintenance of both frontend and backend components.
- Tech. Stack - Angular 7.0, Bootstrap, NodeJS, Express and MySQL.

### Police Record Management System (03/2020 - Present)

- Worked with a team of four to strategize a mechanism to search criminal records with a singular picture of a suspect clicked by a smartphone.
- Faced with the challenge to create a scalable system with high throughput. Designed for ~500 request per second on a single node.
- Tech. Stack - Angular 7.0, MaterializeCSS, NodeJS, Express and MySQL.

### Autter - Messaging App (05/2021)

- A messaging web application made on Angular. The web-client is integrated with ejabberd XMPP server for message exchange over web-sockets.
- Tech. Stack - Angular 10.2, Bootstrap, NestJS, Express, MySQL, eJabberd and Docker.

### Developer Blog (09/2021 - Present)

- Personal developer blog over Hashnode aimed towards documenting my learning journey.

### Personal Portfolio (06/2021 - 07/2021)

- A single page web app to showcase my work and experience. Currently deployed on Github Pages.

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency