

Prateek Shaw

Software Developer

Results-oriented Software Developer with strong analytical skills and the ability to solve complex problems. Computer Science student at ADGITM with a proactive attitude and the determination to complete all assigned projects successfully.

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EDUCATION

Bachelor of Technology: Computer Science Engineering

Dr. Akhilesh Das Gupta Institute of Technology & Management

CGPA: 9.2

Aug 2019 - Aug 2023

Relevant Coursework: Software Engineering; Object Oriented Programming; Algorithms; Data Structure; DBMS

WORK EXPERIENCE

Front End Developer Intern

Arc Tech Labs, London,UK

Dec 2022 - Feb 2023

- Collaborated with 5 members of the software development team on a project within the production environment, reducing bugs by 80%.
- Utilized React JS and Modular CSS to create an intuitive UI/UX design, achieving a 95% user satisfaction rate.
- Introduced OpenStreetMap into React Leaflet for faster map loading capabilities and elevated user experience, attaining a 30% improvement in speed.
- Integrated Redux to manage clients' data between components and API endpoints, optimizing the application's speed by 80%.

PROJECTS

Easy Learning (e-learning website)

Mar 2022 - Jul 2022

[LIVE](#) | [SOURCE CODE](#)

- Build an e-learning website for users across the world where they can learn and develop new skills online with filter functionality based on category, including an admin, teacher, and student dashboard.
- Leveraged **bcrypt** & **jsonwebtoken** to enhance security measures by 50%, elevating customer trust and increasing customer retention by 10%. resulting in an improved customer experience.
- The admin role has functionality like CRUD users, and the teacher role has functionality like adding and deleting courses.
- Expertly employed **NodeJS**, **JavaScript React library** & **MongoDB database** to optimize web architecture performance by 60% for seamless scalability.

HOME AID(home-service website)

Sep 2022 - Nov 2022

[LIVE](#) | [SOURCE CODE](#)

- Created and managed a scalable full-stack web application to connect local vendors with job opportunities and provide homeowners with access to nearby electricians, plumbers, mechanics, and household necessities from online stores.
- Integrated **Stripe payment** functionality into website for efficient product purchasing, resulting in 20% improvement in customer checkout times. Developed secure authentication systems for two user roles with varied functionality, allowing CRUD operations of users & addition/removal of items.
- Utilized **React JS**, **CSS**, **Redux** for frontend design and **Nodejs/Express JS** for backend structure supported by **MongoDB** storage framework; achieved upscaling without compromising performance.

SKILLS

Hard Skills

C++ | Java | JavaScript | HTML | CSS | React.js | Bootstrap | Tailwind CSS | Redux | Node JS | Express Js | MY SQL | Mongo DB

Tools

Material-UI | React-icons | Paypal API | Google-Map | Rest API | Chart js | WebSocket | Stripe | styled components

Software Development | Full Stack Web Development | Front End Web Development

CODING

- Solved 450+ LEETCODE Problems | [LINK](#)
- 100+ GFG problems | [LINK](#)
- 3 Star at CODECHEF (Rating: Max 1627) | [LINK](#)

CERTIFICATIONS

Full Stack Web Development (Udemy) | Accenture Virtual Internship | Cognizant Virtual Internship

ACCOMPLISHMENTS

TAKEN PART IN FOUR HACKATHONS

- **ABILITY HACKS** | [LINK](#): Collaborated with a 4-person team to construct a counselling website for mentally stressed people using React JS & CSS within 3 days.
- **RESONATE** | [LINK](#): Designed and implemented a Mini RTI system to eliminate fraud and scams in our country with a 3-person team in 2 days using React JS, CSS, and the Affindi API.
- **DU HACKS** : Spearheaded development of a live streaming platform with Socket.io & React Js in 2 days