ABHINAV SHARMA

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EDUCATION

Dr. A.P.J. Abdul Kalam Technical University   **2021 – 2025**
*B.Tech - Computer Science and Engineering - **Percentage - 64.4%***   *Lucknow, Uttar Pradesh*

Intermediate (12th Grade) - CBSE   **2019-20**
*Sai Public School - **Percentage - 70%***   *Kashipur, UttarKhand*

High School (10th Grade) - CBSE   **2017-18**
*Sai Public School - **Percentage - 68%***   *Kashipur, UttarKhand*

Experience

MERN Stack Intern   **July 2024 – August 2024**
Explorin.io
- Developed, maintained, and optimized web applications using the MERN stack, ensuring high performance, scalability, and responsiveness.
- Engineered appointment booking feature with ReactJS and NodeJS, processing 50+ appointment requests daily with zero errors; enhanced user satisfaction score by 20
- Technologies: ReactJS, NodeJS, Bootstrap, HTML, CSS, JavaScript, Git/GitHub, Postman, Express, MongoDB.

PROJECTS

<u>MediLink</u> [**GitHub**] [**Live Link**] | Vite, MongoDB, TailWindCSS, NodeJs, Socket.io, ExpressJs   **2025**
- Developed a secure full-stack where patients can seamlessly book, reschedule, and cancel appointments.
- Utilized **Cloudinary API** for seamless profile picture uploads and storage.
- **Integrated JWT and bcrypt** to ensure secure user authentication and role-based access.
- Implemented **three user roles (Admin, Doctor, User) with distinct permissions,** including appointment management, profile updates, and doctor availability control.

<u>MernAuth</u> [**GitHub**] [**Live Link**] | MongoDB, Express.js, Tailwind, NodeJs, ReactJs   **2025**
- Implemented a MERN-based authentication system, securing over 100+ user logins per day
- Implemented **email verification** and **password reset** via Nodemailer with secure tokens.
- Used **bcrypt** for password hashing and **crypto** for token generation.
- Integrated **RBAC** to manage user access based on roles.

<u>Eatances</u> [**GitHub**] [**Live Link**] | ReactJs, MongoDB, Tailwind, NodeJs, JWT, ExpressJs   **2024**
- Developed a full-stack cafeteria management platform using the **MERN stack with Redux for state management,** enabling multiple counters to showcase a variety of dishes.
- Implemented RBAC with JWT, ensuring secure access for Admins, Merchants, and Customers.
- **Built role-based panels**: Merchants can add/edit dishes, while Admins manage counters and user roles.
- Optimized real-time updates with Redux, **enabling dynamic dish availability.**

COURSEWORK / SKILLS

- Data Structure
- Algorithms Analysis
- Database Management
- Operating Systems
- Computer Networks
- Software Engineering

TECHNICAL SKILLS

Languages: C, JavaScript, Java

Technologies/Frameworks: HTML5, CSS3, MongoDB, ReactJs, ExpressJs, NodeJs, Tailwind, REST API, Git, GitHub

Tools: Visual Studio Code, Postman, Docker, Firebase, Android Studio

CERTIFICATIONS

- Learn Completed Training for Foundations of Cybersecurity by Google and offered through Coursera.
- Certificate of Completion - Explorin