Avnesh Kumar

 github.com/avnesh141 www.linkedin.com/in/avnesh-kumar avneshkumar5435487@gmail.com +917895414317

EDUCATION

Indian Institute of Technology (BHU), Varanasi	December 2021 - May 2025
Bachelor of Technology in Electronics Engineering	*GPA: 8.48/10.0*
Jawahar Navodaya Vidyalaya, Sambhal, Uttar Pradesh	April 2019 - July 2020
XII	*93.2*
Jawahar Navodaya Vidyalaya, Sambhal,Uttar Pradesh	April 2017 - July 2018
X	*92.4*

SKILLS

Technical Skills: C/C++, JavaScript, Python, HTML, CSS, SQL, Git, Reactjs, MongoDB, NodeJS, ExpressJs.
Areas of Interest: Data Structure and Algorithm, Operating System, Database Management System, Web Development, Competitive Programming, Object Oriented Programming C++, AWS Cloud Technical Essentials.

EXPERIENCE

Internship | *NullClass Pvt. Ltd.*   May 2024 – July 2024

- Designed and developed a full-stack job platform with a responsive interface and **10+ RESTful APIs** for efficient job postings, application submissions, applicant tracking, and user profile management..
- Implemented robust security measures, such as **JWT authentication**, two-factor authentication **(2FA)** via email OTP verification using **Nodemailer**, detailed login history tracking, and limited-time mobile access.
- **Integrated Razorpay** for managing 3 subscription plans, enabling secure payment, and automated billing.
- **Technical Skills::** ReactJs, NodeJS, Razorpay, JWT, ExpressJs, MongoDB, Google Auth.

PROJECTS

Real Time Messaging Application | March 2025 – April 2025

- Built a real time chat app with **95+** PageSpeed score, using **socket.io** for messaging and **WebRTC** for video calls.
- Implemented end-to-end encryption **(E2EE)** to ensure **100% message security** and privacy compliance.
- Enabled **media upload** features, allowing users to share **images, videos, and documents** using **multer**.
- **Technical Skills::** ReactJs, NodeJs, MongoDB, CryptoJS, Multer, PostMan, WebSockets, WebRTC | [Github]

Trading Website| *Under Devbits event, UDYAM'23* | March 2023 – April 2023

- Developed a virtual trading website with open **APIs** for cryptocurrency and static stock data, featuring a user-friendly interface, **secure authentication** using **JWT**, and asset management, as part of a 3-member team.
- Engineered **10+ APIs** for trading and dashboard management, ensuring optimal security and seamless integration.
- **Technical Skills::** ReactJs, NodeJs, Vercel, ExpressJs, MongoDB, JWT, APIs | [Github]

Udyam Frontend | *Frontend for the annual technical fest of the Electronics Department*   November 2022 – April 2023

- Crafted highly responsive and visually appealing About Us and Sponsors pages for the EES Fest'23 website.
- Contributed to ongoing maintenance and enhancements to keep the website current, relevant, and fully optimized.
- **Technical Skills::** ReactJs, Eslint, Prettier, APIs, NodeJs | [Github]

HONOURS AND ACHIEVEMENTS

- Secured a competitive All Indias ranking of **5843** out of 150,000+ participants in the **JEE Advanced 2021**, placing in the top percentile and showcasing dedication to academic, intellactual and Analytical excellence.
- Mastered **data structures** and **algorithms** by solving **1500+** [Leetcode] and [Codeforces] problems, achieving peak ratings of **2001** and **1410** respectively, demonstrating consistent dedication ans effort to improve technical abilities.
- Secured **Global Rank 24** in [Codechef] April long-2 and **Global Rank 60** in Codechef August long 2022.
- Secured **Global Rank 687** in **Leetcode Weekly contest 412** out of over **35000+** participants.

POSITION OF RESPONSIBILTY

- Event Coordinator : Served as the **Web-Coordinator** of Electronics Engineering Society Fest'23.