Sachin Bajaj

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EDUCATION

B.Tech in Electronics and Communication Engineering   CGPA-9.56 | Aug 2020 - July 2024
Maharaja Surajmal Institute of Technology, New Delhi

WORK EXPERIENCE

BYTERIDGE | Software Development Engineer Intern   Remote | September 2023 – November 2023

- Leveraged expertise in **TypeScript, Node.js, Express, and Next.js** to spearhead **full stack development**, contributing to the **creation** and **maintenance** of highly efficient solutions.
- Successfully resolved **20+ JIRA tickets**, optimizing code, enhancing performance, and actively **contributed to development**. Also, **addressed bugs raised by QA team**, ensuring software stability, and had **25+ PRs merged**.
- Played a pivotal role in an **agile development team**, consistently achieving project milestones, adhering to **industry best practices**, and demonstrating **versatility** in handling diverse **client projects** and **internal tool development**.

CODING NINJAS | Teaching Assistant Intern   Remote | November 2022 - March 2023

- Mentored over **680+ students** in **Data Structures and Algorithms** using **C++** through **video calls**, **calls**, and **chat support**, ensuring their understanding and engagement. Resolved **980 doubts** efficiently.
- Maintained an outstanding **4.85/5 rating** for promptly and effectively **addressing students' queries** and **concerns**, demonstrating **strong problem-solving skills**.
- Leveraged **strong communication skills** and **subject expertise** to clarify **complex concepts**, resulting in **enhanced learning outcomes** and **active student participation**.

PROJECTS

TASK TRACKER APP ⬀   MongoDB, Express.js, Node.js, React.js, TailwindCSS

- Developed the 'Task Tracker App,' a **MERN** web application for **efficient task management**. Implemented **RESTful APIs** and **personalized dashboards** to **boost productivity**.
- Created a **responsive UI** using **React.js** and **Tailwind-CSS** ensuring **data privacy** through **robust** user **registration** and **authentication** with **bcryptjs** and **JWT tokens**.
- Successfully **deployed** the Task Tracker App on **Netlify** and **Render**, showcasing my expertise in **building**, **deploying**, and **maintaining full-stack applications** while adhering to **modern development standards**.

CODEIAL ⬀   Node.js, Express.js, EJS, SCSS, MongoDB

- Built Codeial: A **social media** platform tailored for **coders**, facilitating **knowledge sharing** and **doubt posting** using Node.js, Express.js, and MongoDB.
- Engineered a **secure user authentication** system using **PassportJS**, while upholding a **clean code architecture** based on the **MVC pattern**.
- Crafted a **real-time peer-to-peer chat engine** with **Socket.io** to foster **seamless user interaction**.

SKILLS

- Programming:C, **C++**, Java(Basics), Python(Basics), **Data Structures and Algorithms**, SQL, **System Design**(Basics).
- Front-End Development:**Reactjs**, **Nextjs**, **JavaScript**, **TypeScript**, HTML/CSS, Bootstrap, **Tailwind CSS**.
- Back-End Development:**Nodejs**, **Expressjs**, Firebase, MonogDB, Prisma, Appwrite, **Supabase**, **RESTful APIs**.
- Tools/Applications:Visual Studio, **Github**, MongoDB Compass, JIRA, **Postman**, **MVC Architecture**, Vercel.

ACHIEVEMENTS

- **2023:** Attained a **rank of 831** out of **21,482 participants** in the **Leetcode** Biweekly Contest 116, currently **ranking among** the **top 15 percent** of coders with a **rating of 1650+** on Leetcode.
- **Current:** Achieved the **distinction** of being the **University Topper** in the ECE discipline at GGSIPU, **surpassing** more than **1000 of my fellow scholars**.
- **Current:** Ranked **1st** in Data Structures and Algorithms **problem-solving** on **LeetCode** and **InterviewBit**, and **5th** on **GeeksForGeeks** among **3,500 peers**, with **2000+ problems solved**.