Akshat Verma

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TECHNICAL SKILLS

Languages: C++, JavaScript , SQL
Development: React,Redux,jQuery, Express.js, Node js, SQL Server,Tailwind CSS
Programming Skills Problem solving, Analytical thinking, Passionate for technology
Soft Skills: reasoning ability , communication skills, people management, project management

WORK EXPERIENCE

Coademy (Edtech)   **June 2024 - Aug 2024**
Software Engineer
Tech Stack: Node.js , Express.js , Postgresql , JWT

- Engineered a high-performance backend with Express.js, optimizing user authentication via JWT and achieving seamless external API integration, boosting application efficiency by 30%.
- Designed and structured scalable APIs tailored for seamless integration into the web application.
- Helped the design team in crafting intuitive and visually engaging app designs in Figma, focusing on user-centric interfaces, seamless navigation, and cohesive branding to elevate the overall user experience.

PROJECTS

Chess.com Clone : React.js, typescript, node.js,Webhooks

- Matchmaking system that connected users based on skill levels, resulting in a 25% increase in user retention and encouraging competitive play with longer sessions and more matches per user.
- Responsive UI using React.js with features like real-time chess piece movement, game updates, and a timer, which led to a 30% increase in user interactions and higher session engagement.
- WebSocket-enabled backend for real-time communication, ensuring smooth game synchronization and move validation, with the system handling 1000+ concurrent users and reducing game latency.
- JWT authentication, enhancing security and reducing login issues, providing a more reliable user experience.

Paytm Wallet : Next.js, Typescript, Postgres, Prisma, TailwindCSS, NextAuth

- Developed a secure and high-performance payment app, enabling users to add funds to their wallet and transfer money to others seamlessly.
- Built the frontend with Next.js and integrated user authentication using the Next Auth library, enhancing both security and user experience.
- Integrated webhooks for secure bank-to-wallet transfers, ensuring real-time processing and secure money flow between banks and user accounts.

POSITION OF RESPONSIBILITY

- **Marketing Head -SCITRON (Techno-Cultural Fest)** I contributed a dynamic and creative approach to promoting SCITRON and managing people, the premier techno-cultural festival, in my capacity as Marketing Head.
- **Vice President - MITRA (Social Welfare Club)** As the Vice President of the Social Welfare Club, I played a crucial role in steering the club towards its mission of making a positive impact on society.

EDUCATION

- **Panjab University, Chandigarh**   2021-2025
  B.E in Computer Science   **CGPA : 8.2**

- **M.G.N Public School**   2019-2021
  Senior Secondary   **95%**

ACHIEVEMENTS

- Global Rank 502 codechef START160D
- Global Rank 2991 leetcode biweekly 135