

SOHAIB AHMAD

Full Stack Developer

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PROFILE

Passionate and ambitious Software Engineer equipped with exceptional expertise in web development. Demonstrate adept problem-solving abilities, and adept at dissecting intricate obstacles. Display a profound understanding of coding languages and frameworks, consistently acquiring new knowledge by actively participating in industry-relevant courses such as Frontend Development by Meta on Coursera and many more bootcamps for MERN, Next.js etc. Possess remarkable teamwork and inter-team communication skills, ready to contribute innovative ideas, adaptability, and creativity to a dynamic team, thereby elevating the organization's web development pursuits and delivering unparalleled user experiences.

EDUCATION

Bachelors in Mechatronics Engineering

June 2023

Air University Islamabad (3.13 CGPA)

WORK EXPERIENCE

Full Stack Developer

August 2023 - Present

BH Group, Lahore

- Developed PV Smith Design & Simulation Tool with React and Firebase.
- Created dynamic report generation system (over 24 pages) for PV Smith Simulator and Design Tool.
- Lead hiring campaign for internship and trained the internees with the latest technologies.
- Improved development experience by introducing redux, github repository management and more.
- Developed scalable graphics generation system for electrical diagrams and graphs.

Associate Software Engineer

June 2022 - Present

Council for Education, USA (Remote, Part Time)

- Integrated frontend with backend systems and Stripe API for seamless and secure transactions.
- Hosted web pages and email campaigns on Active Campaign and created smooth user onboarding experience.
- Employed Azure Devops, SendGrid, reCAPTCHA, and YT API to enhance functionality and security.
- Facilitated effective communication and collaboration with marketing and design teams to ensure project success.

Technical SKILLS

- HTML, CSS, JS
- React.js, Next.js
- Node.js
- MongoDB, PostgreSQL, Firebase
- Express, Fastify, REST API
- TS, Tailwind, Redux
- C++, C#, Python
- Git, GitHub, Jest Unit Testing
- Figma, Canva, Photoshop
- Problem solving, Debugging
- Collaboration & Leadership
- Quick Learner

CERTIFICATIONS

- ❖ Meta Front-End Developer
- ❖ Google UX Design
- ❖ Responsive Web Design

LATEST PROJECTS

PriceWatch

A Next.js full-stack project enabling users to input Amazon product links. The system scrapes product data using BrightData web scraper, parses it with cheerio, stores it in MongoDB, and displays product details, including pricing, availability, and descriptions. Users can opt for email notifications on price drops and availability changes, with automated alerts using Node Mailer and a cron job.

Photopia

A MERN Stack app where users log in with Google, input prompts for AI image generation via OpenAI, and can share those images with the community, along with prompts and usernames. Shared images are hosted on Cloudinary for fast serving, and prompts are saved to MongoDB in one-to-many relation with user, creating a community feed for users to explore and download AI-generated images.

[Click here to see more projects](#)

EXTRACURRICULAR

President, Youth Insight Chapter AU

- Managed and hosted flagship event “Femme La Glorificateur”
- Pioneered and Hosted YI’s Podcast
- Organized wall of Empathy, Orphanage visits and more
- Curated recruitment campaigns, conducted interviews for new members and formed new hierarchies
- Collaborated with other societies for event allowances and promotions

Secretary Robotics, RAAS

- Taught workshops on microcontroller programming and sensors
- Participated in shell eco marathon competition team
- Arranged interactive counseling sessions with juniors regarding FYPs

Departmental Ambassador, Sha’oor the Society

- Promoted Sha’oor events in our department
- Worked to find sponsors for events

References

References available upon request.