

# SHAIK AFREEN

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## Education

### Indian Institute of Information Technology

B.Tech in Computer Science and Engineering

Sri City,Chittoor

Dec 2020-May 2024

## Technical Skills

**Programming Languages:** C++, JavaScript, C#, Java, TypeScript, Python, C, MySQL

**Development :** Express.js, React.js, Bootstrap, Angular.js, Next.js, Node.js, ASP.NET,Material-UI, Tailwind CSS,MongoDB,Firestore,Drizzle ORM,PostgreSQL.

**Tools and Platforms:** Git, GitHub, VSCode,IntelliJ idea

## Experience

### Reccopilot

Oct 2024 – Present

#### Software Development Engineer I

Hyderabad,Telangana(Hybrid)

- Designing and developing user-centric interfaces for **Reccopilot,a Co-Pilot recruitment system**, ensuring a seamless recruitment experience by integrating data-driven insights and AI-powered candidate evaluation.
- Building and optimizing responsive UI components using **React, Redux, Material-UI**, and **Tailwind CSS**, while implementing dynamic data flows for high performance.
- Developing and integrating **REST APIs** in **ASP.NET** with **C#**, working across both frontend and backend to create scalable, efficient, and high-performance solutions within an **MVC** architecture.

### Anuta Networks

May 2024 – Aug 2024

#### Software Engineer Intern

Remote

- Contributed to the creation and optimization of interactive features for **Anuta ATOM** using **AngularJS** and **Angular Material**, elevating user experience and responsiveness across the platform.
- Enhanced software stability by identifying and resolving UI issues, implementing automated testing with **Selenium**, and incorporating **CI/CD** workflows through **Jenkins** pipelines to streamline deployments.
- Developed scalable and efficient UI components using advanced **JavaScript** techniques such as **event bubbling** and **promises**, improving network orchestration processes and overall product performance.

## Projects

### AI-Interview-Mocker | *NextJs,Gemini AI,Clerk,Drizzle ORM,PostgreSQL*

github

- Developed an AI-powered mock interview platform using **Next.js**, integrated with **Clerk authentication**, **Drizzle ORM**, and a serverless **Neon PostgreSQL** database, enabling a seamless and secure user experience.
- Implemented dynamic question generation via **Gemini AI** and enhanced user engagement with real-time webcam-based responses, utilizing React's webcam hook.
- Delivered a full-featured interview preparation tool, featuring intuitive dashboard navigation, job detail submission, and feedback, supporting candidates through interactive, AI-driven mock interviews. **Deploy Link**

### Bone Marrow Donation | *ReactJs,NodeJs,ExpressJs,MongoDB*

github

- Developed a secure and efficient bone marrow donation portal with **30+ REST APIs**, incorporating **JWT authentication** and **bcrypt** for robust data security and user privacy.
- Built an **admin portal** for streamlined data management, using **Swagger** for efficient API documentation and testing, which accelerated development and ensured robust integration.
- Enhanced platform performance with **Redis caching**, **Docker** containerization, and integrated **Stripe** for secure payments, delivering a fast, reliable, and seamless user experience. **Deploy Link**

### Explainable AI | *XAI Techniques,Python*

github

- Incorporated Explainable AI (**XAI**) techniques such as **Grad-CAM** to enhance interpretability and visualization of convolutional neural networks (CNNs) in **pneumonia** disease prediction.
- Leveraged advanced deep learning models with Transfer Learning, employing **MobileNetV2** and **DenseNet169** architectures to achieve **89.67% accuracy with CNNs** and **85.2% accuracy for Grad-CAM** image overlaying.
- Enhanced transparency and interpretability of the model's decision-making process.

### Portfolio Website | *Javascript,Html,Css*

portfolio

## Academic Activities

- Completed **90 days** of the **Google Cloud program**, earning all badges and receiving swag items.**Profile**
- Solved over **700+** problems across various coding platforms, achieving an institute rank of **11** on GeeksforGeeks.**Profile**
- Participated in **Smart India Hackathon** and IOTA Club member in the institute.