

Tahir Hameed

SUMMARY

Accomplished Full Stack Software Engineer with 7 years of experience specialising in web application development using Python, Javascript, Typescript, react js, nest js and node js. Proficient in leveraging full stack technologies and Large Language Models (LLMs) to deliver innovative solutions. Adept at leading projects from conceptualization to deployment, ensuring robust and scalable applications.

TECHNICAL SKILLS: Proficient in programming languages such as JavaScript, Python, TypeScript, and SQL. Experienced in front-end development using React.js, Nest.js, Next.js, Remix Js, HTML/HTML5, CSS/CSS3, Bootstrap 4.0, TailwindCSS, MUI, and jQuery. Skilled in back-end development with Django, Node.js, ASP.NET, C#, AJAX, JSON, and XML. Competent with databases including MySQL, PostgreSQL, MongoDB, and SQL Server.

PROFESSIONAL EXPERIENCE

Micani Labs

London / United Kingdom - Remote

Senior Full Stack Developer

Jan 2023 – Sep 2024

At Micani Labs, I contributed to the development of Full stack applications, human-like interaction with AI characters. I focused on creating and integrating typescript, python and nest js for backend development and react js for frontend development ensuring a seamless user experience. My work encompassed both front-end and back-end development, ensuring a seamless user experience and robust functionality.

Thesia Character

- Developed a seamless user experience for Thesia Character using Javascript, typescript, Nest.js and Python, enhancing the application's performance and interactivity.
- Integrated large language models like Gemini and GPT, significantly improving the AI characters' conversational abilities and realism.
- Leveraged nest js backend to develop user profile and payment integration for secure checkouts.
- Achieved a milestone of over 1,000 active users, demonstrating the application's growing popularity and reliability.

Fanbai

- At Fanbai, I designed and implemented the backend system architecture using Python, integrating a Retriever-Generator (RAG) pipeline for accurate and contextually relevant responses.
- I worked with typescript, react js for frontend development where I used Shadcn for comprehensive user experience.

IINIGENCE

California / USA *Lead*

Software Engineer

Feb 2021 – Dec 2022

Spearheaded software development projects at IINIGENCE, leveraging python, react, typescript, javascript and nest.js of innovative technologies to drive business growth and enhance client success; achieved measurable results such as significant revenue growth and optimised processes.

- **Built Lancelot, an Enhanced Freelance Platform** Led the development of Lancelot, an innovative online platform using javascript, typescript nest and python as backend.

- **Crafted Interactive Learning App with Admin Portal** featuring diverse questionnaires, engaging 5000+ users receiving an average rating of 4.8/5 for app using react js.
- **Programmed Telephonic and Messaging App with Asterisk "PhoneWise"** Schemed, a cutting-edge telephonic and messaging application using python django and react js, integrating Asterisk for seamless call and messaging functionality. Handling 1000+ calls daily.
- **Innovative Stock Market Prediction Game "Stonker"** garnering a user base of 10,000+ players within the first six months of launch using typescript, react.js and python resulted in a 15% increase in accurate predictions corresponding to similar platforms.
- **Resolved Bugs and Enhanced Workflow with Agile Tools** Fixed over 150+ bugs and issues logged in tools such as Jira, Asana, and Linear, resulting in a 25% decrease in overall application crashes.

VOID Software

Portugal /

Remote *Software*

Engineer

Aug 2019 – Jan 2021

VOID Software has wide experience in system design and architecture, cloud computing, media asset management, and building. 1000s of APIs

- **Wide-ranging Expertise in System Design, Cloud Computing, and Media Asset Management** a media asset management web app using javascript, react and nest js, resulting in a 40% reduction in content retrieval time. Led the integration of 5 external systems through well-structured APIs.
- **Vehicle Showroom Web App** Facilitated the end-to-end development using react js of a responsive web app marketplace for vehicle showrooms and django for backend.
- Javascript, Typescript, Next Js, and AWS to ensure sub-second page load times and SEO friendly.
- 25% increase in user engagement due to interactive design and responsive app design.
- Directed an intuitive django admin interface, REST Apis and Postgresql schema.
- **Engineered AI-Enhanced Hospital Application for Efficient Patient Care** hospital application empowering doctors to manage over 1000 patients daily using react and nest js

LEADERSHIP EXPERIENCE

AIESEC

Turkey & Egypt *Intern*

Software Engineer

June 2017 – Aug 2019

- Web developer intern with 20 other developers from different countries at LootCopter Game Studio Istanbul, Turkey. **Exchange Program** provided by **AIESEC** during the year 2017.
- Mobile App developer intern at IShaga Egypt for the duration of 12 weeks **Exchange Program**.
- As an intern at AIESEC, I facilitated international leadership programs, coordinating with global partners to execute impactful projects. I developed strong cross-cultural communication skills and gained invaluable experience in project management and youth empowerment.

EDUCATION & OTHER

FAST - NUCES

2019

Degree: BS in Computer Science

Nvidia

Gen AI LLM Certificatied Developer

LANGUAGES: Proficient in English, Urdu and Punjabi

INTERESTS: Web Development, API development and Artificial Intelligence.