Pouria Jangjooymehrangiz

Senior Software Engineer

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About Me

With over 5 years of experience, I build high-quality software solutions with a strong focus on machine learning and deep learning. I leverage tools such as TensorFlow, OpenCV, Pandas, and Matplotlib, and write code in C++ for enhanced training in machine learning. My proficiency extends to frontend technologies like React, Next.js, TypeScript, and JavaScript, where I excel in creating engaging and responsive user interfaces. I bring expertise in testing with Jest.js and styling with Sass and Tailwind CSS, ensuring robust and visually appealing applications.

Professional Experience

Senior Software Engineer

VenMate GmbH - Berlin - Germany   May 2024 - current

- Developed a cost-efficient GPT API and implemented chat analysis features to enhance application functionality.

- Designed and built a reusable Share UI component to improve code consistency and efficiency.

- Migrated codebase from JSX to TSX, optimizing state management and significantly improving application performance.

- Enhanced application security by integrating Auth0 for authentication and authorization.

- Authored comprehensive documentation for the Share component and custom hooks to support team collaboration and onboarding.

- Led the redesign of legacy components and created detailed tickets to streamline frontend development as the team lead.

Senior Software Engineer

ByteWorks Technologies - Armenia - Yerevan   August 2022 - Jan 2024

- Worked on Convolutional Neural Networks (CNNs) for object detection and classification.

- Processed and analyzed large datasets using Pandas and Matplotlib to drive data-driven decisions and insights.

- Implemented and tested machine learning solutions within production systems, ensuring performance and reliability.

- Utilized TensorFlow and OpenCV for training and deploying machine learning models.

- Applied machine learning techniques to develop and optimize predictive models and algorithms.

- Developed responsive and intuitive user interfaces using HTML, CSS, and JavaScript frameworks, with a focus on React.js for dynamic frontends.

- Worked closely with the design team to implement pixel-perfect designs and ensure consistency across different browsers and devices.

Software Engineer

EuroTech Solutions Ltd - Armenia - Yerevan   July 2021 - June 2022

- Preprocessed large datasets to make them ready for training.

- Built AI-based bots to solve web application problems.

- Led front-end development efforts using React.js for client projects, ensuring efficient and maintainable code.

- Developed custom React components and reusable UI elements to optimize performance and enhance the user experience.

- Integrated with backend APIs using RESTful services for data retrieval and manipulation, ensuring seamless communication between front-end and back-end systems.

- Delivered continuous integration and deployment pipelines with GitLab CI, optimizing development workflows and enabling rapid iteration cycles.

- Worked closely with clients to gather requirements and translate them into scalable and intuitive user interfaces.

Frontend Developer

CodeCrafters SAS - Iran - Tehran   May 2020 - June 2021

- Supported senior developers in creating web interfaces using HTML, CSS, and JavaScript, gaining hands-on experience in front-end development.

- Learned and utilized modern front-end frameworks like React.js to enhance programming skills and productivity.

- Collaborated with backend developers to integrate front-end interfaces with backend services, ensuring data consistency and synchronization.

- Participated in team meetings and brainstorming sessions, contributing ideas and suggestions to improve project workflows and efficiency.

- Assisted in quality assurance efforts through manual testing and bug fixes to ensure a smooth and error-free user experience.

Education

- Bachelor of Computer Science, Azad University
  Tehran - Iran, GPA: 1.6   July 2020

- German Certification
  Technical University Berlin, Level: C1/C2   December 2023

Skills

- Programming Languages: JavaScript, Python, TypeScript, C++
- Machine Learning Data Science: TensorFlow, OpenCV, NumPy, Matplotlib, Pandas
- Front-End Technologies: React, React Native, Next.js
- Web Development: HTML, CSS, SASS, Tailwind CSS, Framer Motion, THREE.js, Bootstrap, Material-UI (MUI)
- Build Tools Design Systems: Webpack, Styled-Components, Atomic Design, MVC Design Pattern
- Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- Version Control CI/CD: Git, GitLab CI/CD
- Testing Automation: REST.js (main), Cypress, Selenium
- Design Tools: Figma
- State Management: Redux, React Query
- Cloud Containerization: AWS, Docker, Kubernetes
- APIs: GraphQL, REST API

Soft Skills

- Teamwork, Communication
- Adaptability
- Problem Solving
- Creativity
- Time Management, Self-Organization

Languages

- English C1 (Advanced)
- German B2 (Upper-Intermediate)
- Persian (Native)