Tecknotrove Systems (I) Private Limited

**Simulation | Virtual Reality | Augmented Reality | Gamified
Learning**

Job Title:	Back end developer	Department:	Software
Location:	Andheri - East, Mumbai	Position Type:	Full-time
Experience:	2-4 years of relevant experience		

About Tecknotrove Systems

Tecknotrove Systems is a young and dynamic technology company. It is Asia's leading training and simulation company focused on developing simulation and virtual reality (VR) solutions for critical applications. It offers simulation and VR solutions for growing Industries like Automobile, Aviation, Defence and Mining. Its clients include some of the leading names in industry like Castrol, Total, Maruti Suzuki, Dubai airport, Indian Army, Rio Tinto to name a few. Its corporate office is based in Andheri, Mumbai, and the manufacturing facility is in Gujarat. The company' expertise lies in creating virtual worlds for critical applications using simulators and AR/VR technologies. Has implemented 800+ projects in over 26 countries. The company was founded 20 years ago with the vision to be a pioneer in the simulation space.

For more details refer to: https://tecknotrove.com/

Position Summary

We are hiring a back - end developer to join our software team! You will be responsible for implementing our web and desktop-based applications by translating design ideas, concepts, and requirements into a functional and engaging product and managing a team of young developers.

Roles and Responsibilities

Design and Development
- Design and implementation of the overall web architecture
- "Pixel-perfect" implementation of our approved user interface.
- Design and deployment of our database.
- Design and construction of our REST API.
- Integrating our front-end UI with the constructed API.
- Ensuring the application is designed and built for speed and scalability.
- Integrate 3rd Party Plugins.
- Translate application storyboards and use cases into functional applications.
- Design, build, and maintain efficient, reusable, and reliable code.
- Ensure the best possible performance, quality, and responsiveness of applications.
- Identify bottlenecks and bugs, and devise solutions to address and mitigate these problems.
- Participate as a team member in fully agile Scrum deliveries.
- Ability to deal with more than one project.
- Provide support to end users.
- Responsible for regular communication with others involved in the development process.

Customer Interface (External and Internal)

- Interact with clients as and when required.
- Understand client requirements and implement the same in our applications
- Work closely with a cross-functional team of developers, designers, skill developers and researchers to come up with a one-of-a-kind solution.

Team & Stakeholder Management

- Mentor and Coach the team to enhance their skills and competencies.
- Work with your manager and senior management to ensure the implementation of the organization's goals.

Job Requirements and Qualifications	
Education	MCA/BSC/BE/ME or a relevant degree in Computer Science or IT.
Experience	2-4 years of relevant experience - Should have been a part of the end-to-end entire life cycle of software development. - Should have developed and deployed a minimum of 2-3 applications.
Skills & Competenciess	**Technical** **A) Must Have –** - Experience in NodeJS, MySQL, Typescript, AWS, HTML, and CSS. - Database design and management, including being up on the latestpractices and associated versions. - Server management and deployment for the relevant environment - Familiarity with Relational Databases and SQL - Creating database schemas that represent and support business processes. - Experience with Web services development (SOAP, REST) - Strong understanding of object-oriented programming, MVC, and WPF. - Knack for writing clean, readable code. **B) Good to have –** - Minimum 1 year of experience in: - Writing HTML, CSS, and JavaScript. Being up on the latest practices is a must,e.g., HTML5, CSS3, and ECMAScript 6 (minimum) - Familiarity with the Electron & Ionic 3/5 framework - Familiarity with Angular JS - Familiar with various design and architectural patterns - Implementing automated testing platforms and unit tests - Proficient understanding of code versioning tools (such as Git/SVN) - Familiarity with the .NET framework **Behavioural** - Should be passionate, energetic and love to write clean codes. - Excellent communication and leadership skills. Good Team Player. - Should be proactive and have excellent problem-solving skills. - Must have excellent communication skills. (verbal, written, presentation) - Ability to work within deadlines and under time pressure.