

Arjun Krishna K

Software Engineer

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SUMMARY

Angular Developer with 3 years of experience building high-quality web applications. Proficient in Angular, Node.js, RESTful APIs, and microservices. Skilled in front-end development, responsive design, version control, and scalability. Experienced in agile collaboration and contributing to innovative, emerging technology projects.

SKILLS

Frontend Development

Angular | React Js | JavaScript | HTML | Cascading Style Sheets (CSS) | Tailwind CSS

Databases

pgSQL | MongoDB

Backend Development

Node.js | Express.js | RESTful APIs | Microservices | .NET Core | Java

Tools & Frameworks

NgRx | Babel | Webpack | Git | CI/CD

Design Principles

Responsive Design | Scalable Applications | User-friendly Interfaces

Methodologies

Agile | Code Reviews | Collaborative Development

EXPERIENCE

Software Engineer

Oct 2022 - Sep 2024

Kameda Infologics , Trivandum, Kerala

- Developed dynamic web applications using Angular (versions 11 & 16) and React.js, ensuring seamless user experience and engagement across devices.
- Collaborated with UX/UI designers to implement responsive designs and optimized user interfaces for better accessibility and usability.
- Integrated RESTful APIs to enhance application functionality, enabling efficient data exchange and dynamic content updates.
- Worked with .NET technologies and have strong proficiency in C#, building scalable, robust applications while bridging front-end and back-end development.
- Experience with PostgreSQL (pgsql) for managing and querying relational databases, ensuring data integrity and performance.
- Participated in Agile/Scrum methodologies, conducting daily stand-ups, sprint planning, retrospectives, and code reviews.
- Integrated front-end with back-end functionalities to ensure smooth and efficient data flow.
- Gained experience with migration tools and unit testing tools like Jasmine/Karma, ensuring high-quality code and smooth transitions during development.

EXPERIENCE

Software Engineer

Nov 2021 - Oct 2022

Luminar Technolab , Ernakulam, Kerala

- **Led the Development of Clinically:** Spearheaded the creation of a healthcare application using Angular, delivering intuitive and user-friendly interfaces, streamlining clinical workflows, and integrating APIs for enhanced functionality and seamless operations.
- **Optimized Performance and Integration:** Ensured robust frontend-backend integration and optimized application performance to meet healthcare industry standards.
- **Mentored Junior Developers:** Conducted training sessions focused on Angular development, debugging, and troubleshooting, helping build practical, real-world skills.
- **Designed Technical Workshops:** Created learning materials and workshops on RESTful services and microservices architecture, incorporating modern web development practices.
- **Aligned with Industry Trends:** Contributed to updating course content to reflect evolving best practices, ensuring high-quality and relevant training.

EDUCATION

| | | |
|---|----------|---------------------|
| BTECH: SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY | CGPA: | Jul 2017 - Jul 2021 |
| MECHANICAL ENGINEERING | 8.05 | |
| HIGHER SECONDARY EDUCATION: VADUTHALA JAMA ATH HIGHER | 94% | Jun 2015 - Jul 2017 |
| SECONDARY SCHOOL | | |
| - | | |
| SECONDARY EDUCATION: NADVATHUL ISLAM ENGLISH SCHOOL | CGPA: 10 | Mar 2014 - Mar 2015 |
| - | | |

CERTIFICATIONS

MEARN STACK WEB DEVELOPMENT

NATIONAL COUNCIL FOR TECHNOLOGY AND TRAINING

PROJECTS

CHAT APPLICATION INTEGRATED WITH AI ASSISTANT

- **Built** a WhatsApp-inspired chat application using **Next.js 14**, **React.js**, and **TypeScript**, delivering a seamless and efficient messaging experience.
- **Designed** a modern and responsive UI with **TailwindCSS**, ensuring an intuitive user experience across desktop and mobile devices.
- **Integrated Convex** for real-time data synchronization and scalable backend operations, enabling smooth message exchanges and dynamic updates.
- **Implemented** secure user authentication and management using **Clerk**, providing a seamless onboarding experience.
- **Leveraged ZegoCloud** for high-quality voice and video calling features, enhancing user interaction capabilities.
- **Optimized** performance and scalability with Next.js 14 features, ensuring the application is robust and future-proof.

HOSPITAL APPLICATION

- Engineered a hospital management system using **Angular**, **.NET Core**, and **PostgreSQL** for **patient registration** and **appointment scheduling**.
- Incorporated **secure login** and **role-based access control** for healthcare professionals.
- **Streamlined workflows** and automated **notifications** for improved staff and patient coordination.

E- BOOK APPLICATION

- **Created** an **e-book platform** using **ReactJS**, **Node.js**, and **MongoDB**, enabling users to upload and publish books.
- Implemented a **secure admin verification** process before books are available for public download.
- Provided a **responsive, user-friendly interface** for reading and managing e-books across devices.

PROJECTS

E-COMMERCE WEB APPLICATION

- Built an **e-commerce platform** using **ReactJS** and **Node.js**, integrated **MongoDB** to manage product listings, user accounts, and order data securely, and developed an **admin panel** to handle inventory and track orders.
- Implemented a **payment gateway** for secure transactions, enhancing the shopping experience and ensuring seamless payments for customers.

BANKING WEB APPLICATION

- Constructed a banking platform using **Angular, Node.js, and MongoDB**, enabling secure user authentication and real-time money transfers.
- Facilitated easy transaction tracking and management with a **responsive design** optimized for desktop and mobile.
- Ensured secure backend operations and scalable data storage with **Node.js and MongoDB**.