

Jithin Vinod

+1(437)6616072 | jithinvinod72@gmail.com | [linkedin.com/in/jithinvinod](https://www.linkedin.com/in/jithinvinod) | github.com/jithinvinod72

SKILLS

- **Programming Languages:** JavaScript, Python, C#, TypeScript, Java, C++
- **Web Development & Data Management:** Next.js, Angular, ReactJS, Node.js, ExpressJS, .NET, Firebase, MS SQL Server, MongoDB, Redis, REST, GraphQL, NoSQL, Agile, TDD/BDD
- **Cloud Computing Platforms:** Azure, AWS , GCP
- **Version Control and DevOps Tools:** Git, Docker, Kubernetes, AWS CDK

EDUCATION

- **Lambton College** Toronto, Ontario
Full Stack Software Development September 2023 - May 2025(Expected)
 - **Awards:** Winter 2024 Dean's Honour List, Lambton Scholarship(1000 CAD)
 - **Achievement:** Led a team of 6, collaborating with peers from UBC, to gain acceptance into the Microsoft for Startup Founders Hub through the Microsoft Imagine Cup.
- **APJ Abdul Kalam Technological University** Kerala, India
Bachelor of Technology in Electronics & Communication Engineering June 2016 - September 2020
 - **Leadership:** IEEE Computer Society,Google Developer Student Club
 - **Achievement:** Led a project team as captain in the Quest Global Ingenium National-Level Competition, securing a Top 50 position among hundreds of teams.

EXPERIENCE

- **Software Engineer Intern** Toronto,CA
316.ai May 2024 - August 2024
 - Spearheaded backend API development using Node.js, Express.js, and TypeScript for WriteCV.io, processing over 5,000 resumes monthly.
 - Developed an AI-powered analysis feature using ReactJS, Redux, and Supabase, enhancing resume personalization and enabling real-time editing and job matching.
 - Designed and implemented over 10 responsive resume templates using Tailwind and advanced CSS, increasing template utilization by 40% and improving visual appeal.
 - Implemented Row-Level Security (RLS) in PostgreSQL for user data, storing it securely in Supabase cloud storage.
- **Software Engineer** Kerala, India
PIT Solutions Pvt Ltd November 2021 - July 2023
 - Developed a scalable HRMS module with ReactJS, TypeScript, C.NET , and MSSQL, improving system efficiency and user experience.
 - Built and optimized APIs for over 10,000+ users using Express.js and MongoDB, reducing latency by 40%.
 - Developed a SaaS healthcare platform using Angular, Node.js, and MongoDB, deployed on Azure.
 - Automated workflows with Azure Queue and AI models, increasing diagnostic processing efficiency.
 - Collaborated with engineers and product stakeholders to gather requirements, design solutions, and deliver efficient and user-friendly software systems.
- **Associate Software Engineer** Kerala, India
PIT Solutions Pvt Ltd November 2020 – November 2021
 - Designed and implemented a settings module using ASP.NET Core 3, MSSQL, jQuery, HTML, and SASS, enhancing system customization.
 - Developed RESTful APIs, improving server-client interactivity and user experience.
 - Collaborated closely with engineers to enhance SQL stored procedures, optimizing data retrieval efficiency for high-volume transactions.
 -

PROJECTS

- **FitFeed - Personalized AI-Powered Meal Plan Recommender:**

- Developed an AI-driven platform using ReactJS, ExpressJS, and PostgreSQL to create personalized meal plans for athletes, completed in under 48 hours.
- Led the team to secure 2nd place at Technation Canada Sports Innovation Hackathon and HackSwift Hackathon, winning a total of \$4,200.

- **HelloMind - Meditation App:**

- Developed HelloMind, a meditation app using Express.js and Firebase, selected for the Microsoft for Startups program after participation in the Google Gemini AI Hackathon.
- Architected the app using Azure Kubernetes Service, Azure App Service, and Azure AI Studio, creating a scalable solution with a React Native (Expo) frontend and an Express.js (TypeScript) backend on Azure Cosmos DB.

- **FutureMe App:**

- Secured \$3,000 in funding through the Technation Coding Competition and gained acceptance into the Microsoft for Startup Founders Hub.
- Co-developed the app, building the backend API using the Python Django framework with MongoDB as the database.
- Built CI/CD pipelines using GitHub Actions and deployed the backend to Azure, ensuring smooth and efficient deployment processes.
- Utilized Azure AI Studio to build a generative model, leading to optimized user engagement and improved motivation results for university students.

- **Surgical Planning System:**

- Built a surgical planning web app using C#.NET, React, MS SQL, RabbitMQ, and Redux, hosted on Azure.
- Developed a custom frontend library for calendar bookings, improving user efficiency.
- Secured funding through Startup Starters Huddle and sold the solution to a leading hospital chain.

CERTIFICATIONS

- **MTA: HTML5 Application Development Fundamentals:** Microsoft
- **MTA: Introduction to Programming Using JavaScript:** Microsoft
- **MTA: Software Development Fundamentals:** Microsoft
- **Python Essentials:** Cisco