

Akash Devgan

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TECHNICAL SKILLS

Languages: C, C++, C# Java, Python, JavaScript, TypeScript, HTML/CSS, SQL, PHP, XML

Frameworks and Libraries: React, Angular, Node.js, Express.js, PostgreSQL, MongoDB, WebGL, SQL Server, Firebase, jQuery, .NET

Developer Tools: Git, Google Cloud Platform, Firebase Firestore, Android Studio, VS Code, IntelliJ, Xcode

Other Skills: Leadership, Time Management, Flexibility, Problem Solving, Communication

TECHNICAL PROJECTS

LearnSphere | *React.js, Express.js, Firebase Firestore, Google Cloud App Engine* February 2024 – April 2024

- Implemented a responsive and interactive user interface using React.js and Vite, enhancing development efficiency and user experience.
- Adopted a zero-trust security model and implemented JWT for secure microservice communication, ensuring robust protection against unauthorized access.
- Designed and deployed a microservices architecture using Node.js and Express, achieving service autonomy and enabling the system to handle 100,000 concurrent requests efficiently.

HappiMind | *Next.js 14, Supabase, Prisma, Shadcn, Figma, Vercel* February 2024 – March 2024

- Created an AI-powered virtual therapist that provides dynamic, personalized interactions and support to users.
- Built the front-end of the website using Next.js 14, incorporating specific user interface components from Shadcn.
- Developed the website's database using Prisma ORM and established a serverless architecture with Supabase.

TradeTrove | *React, Express.js, PostgreSQL, Firebase Authentication* January 2024 – April 2024

- Created a responsive and dynamic user interface using React with server-side rendering, enhancing user experience and interaction.
- Integrated Firebase Authentication for secure login and user data management, ensuring robust security and user privacy.
- Developed and managed a PostgreSQL database hosted on Google Cloud Platform, optimizing data storage and retrieval for user profiles, job postings, and service offerings.

WeCare | *Java, Android Studio, Realtime Firebase, XML, Git* May 2022 – August 2022

- Led a team to develop a caregiver-assistive Android app, enhancing user experience with practical features via Android Studio.
- Implemented Realtime Firebase for efficient and secure data handling, improving app functionality for dementia patient care.
- Applied Agile practices and Git for project management, fostering team collaboration and streamlined code development.

EXPERIENCE

PHP Developer - Intern

May 2021 – August 2021

KVR Technology

Amritsar, India

- * Engineered a PHP and MySQL web application, improving business process efficiency for clients by optimizing database queries and implementing modular code.
- * Collaborated on a PHP project, enhancing features and user experience through AJAX for asynchronous updates and integrating third-party APIs, leading to greater client satisfaction.
- * Developed RESTful APIs to streamline data exchange between client-side and server-side components, improving application performance and scalability.
- * Implemented robust security measures, including data validation and encryption, to protect sensitive client information and ensure compliance with industry standards.

EDUCATION

Simon Fraser University

Completed – December 2024

Bachelor of Science - Computing Science

Burnaby, BC