

# Anuvarshini C K

## Front End Engineer

Jacksonville, FL - 32092 • varshinichandrashekar98@gmail.com • (248) 846-4227 •

**LinkedIn:** [www.linkedin.com/in/anuvarshini-chandrasekaran-51a7661a4](https://www.linkedin.com/in/anuvarshini-chandrasekaran-51a7661a4)

**Portfolio:** <https://portfolio-mrct.vercel.app/>

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## PROFESSIONAL SUMMARY

Passionate front end engineer with **4+years of experience** in building scalable and maintainable applications with **React, Typescript, Javascript, Next.js, CSS, Tailwind CSS and AWS**. Adept at creating intuitive user interfaces, integrating third-party APIs, and building component-based architectures. Skilled in cross-functional collaboration and delivering data-driven, real-time UI experiences. AI enthusiast with hands-on experience building small AI-driven projects

**Authorized to work in the USA without visa sponsorship.**

### Technical Skills:

**Languages:** JavaScript (ES6+), HTML5, CSS3, C++, SQL.

**Frontend:** React.js, Redux, Redux-Saga, Typescript, Python, Tailwind CSS, Java, Next js, Bootstrap, React-Bootstrap, Formik, Yup, Material UI (MUI), Font Awesome.

**Backend:** Node.js, Express.js, AWS Lambda, API Gateway, RESTful APIs, GraphQL, GCP.

**Databases & Storage:** Amazon DynamoDB, Amazon S3; familiar with PostgreSQL, MySQL, MongoDB.

**Tools & Platforms:** Jenkins, Postman, Git, Docker (working knowledge), Webpack, Babel, ESLint, Selenium, Jest.

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## PROFESSIONAL EXPERIENCE

### Patton Labs Inc, (INDIA)

#### Software Engineer | October 2022 - September 2024

- **Developed a React.js web application** enabling employees to submit weekly performance targets, utilizing functional components, hooks (useState, useEffect), JSX, and React Router for navigation.
- Managed application state using **Redux and Redux-Saga** to handle side-effects and asynchronous operations.
- Implemented form management with **Formik and schema-based validation with Yup**.

- Integrated UI components using **React-Bootstrap, Bootstrap, Font Awesome, and Material-UI Tooltip** to enhance the user interface.
  - Leveraged **AWS** services (Lambda, API Gateway, DynamoDB/S3) to build a scalable serverless backend for the application.
  - Refactored UI components using conditional rendering and **CSS-in-JS patterns** to cut redundant code by **20%** and make styling more consistent and maintainable.
  - Used **Git** for collaborative development, managing feature branches, pull requests, and code reviews to ensure code quality.
  - Wrote unit tests and integration tests with **Jest and React Testing Library** to ensure frontend reliability.
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## ZOHO CORP. PVT. LTD., TN(INDIA)

### Technical Support Engineer | October 2020 - September 2022

- Developed reusable React components across modules, improving code maintainability by 30%.
  - Built custom modules and dashboards using React and Tailwind CSS for enterprise customers.
  - Bridged the front-end technical gaps to increase the performance by 40%.
  - Integrated Zoho Books **REST APIs** with customer applications to automate financial workflows, using **OAuth tokens** for secure access.
  - Led troubleshooting and resolution of **RESTful API** integration issues using tools such as **Postman and Chrome DevTools**.
  - **Mentored juniors** and contributed to quality assurance processes by conducting code reviews and knowledge-sharing sessions, elevating the team expertise.
  - Tested workflows in Zoho applications using **Selenium WebDriver** with **python**.
  - Analyzed financial report discrepancies by writing **MySQL queries** to extract and compare data from the database, identifying root causes such as missing entries, incorrect joins, and misapplied business rules.
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## Projects

### AI-Powered Wellness Scheduler

- Built a website using React, Vite, Google Calendar API, and OpenAI, which syncs with Gmail to auto-fetch daily meetings and intelligently generates a personalized

wellness plan (gym, yoga, hobbies, diet with cheat meals) based on calendar availability.

- Integrated Google OAuth via gapi.auth2 for secure token access, and used OpenAI to suggest time-optimized routines — promoting work-life balance with real-time AI scheduling.

### **Terms & Conditions Analyzer Extension**

- Created a Chrome extension that scans any webpage for legal links like terms, privacy, etc., extracts and summarizes the content using OpenAI, making long T&Cs easily understandable by highlighting key points and important risks.
  - Built with Manifest V3. This offers users safe, readable, AI-powered summaries of complex legal documents directly from the browser.
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## **EDUCATION**

### **SRM Institute of Science and Technology, Chennai | 2016 – 2020**

*Bachelor of Technology in Electronics and Communication Engineering (ECE)*

### **Avila Convent Matriculation Higher Secondary School, Coimbatore | 2015 – 2016**

*Higher Secondary Certificate*

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