

# KAVYA B S

Aspiring Software Developer | Bengaluru, Karnataka, India |

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## EDUCATION

B.E, Computer Science	The Oxford College of Engineering	8.5 CGPA	2022 – Present (2026)
12 <sup>th</sup> Grade (Pre-University)	Narayana Institutes	83.8%	2020 - 2022
10 <sup>th</sup> Grade (Matriculation)	Kroot Memorial School	90%	2020

## SKILLS

**Programming Languages:** Java, Python, C, C++, TypeScript, JavaScript  
**Technologies/Frameworks:** React.js, Node.js, Express.js, MySQL, PostgreSQL, MongoDB, Next.js, TailWindCSS, SASS,  
**Developer Tools:** Git, GitHub, CloudFlare, Linux.  
**Soft Skills:** Leadership, Public Speaking, Problem Solving, Interpersonal Skills, Teamwork, Communication, Content Writer

## WORK EXPERIENCE

- buildspace - Full Stack Developer**June 2024 – October 2024
  - Developed a comprehensive MERN-based Finance Dashboard App integrating machine learning for predictive analytics
  - Built with **Vite**, **Redux Toolkit**, and Material UI, the app provides an intuitive, responsive UI, while Recharts visualizes financial data. On the backend, Node.js, Express, and MongoDB handle robust data processing and storage, offering users real-time insights and forecasts to inform financial decision-making.
- E-Cell Club -Secretary**August 2024 – January 2025
  - As the Secretary of my college's E-Cell Club, I played a pivotal role in fostering an entrepreneurial spirit among students. I helped organize multiple events focused on entrepreneurship, including workshops, guest lectures, and startup idea competitions engaging **over 500 students**. With the excellent support of **20 dedicated volunteers from IIT Bombay**.
- Award-Winning Open Source Contributor and Full-Stack Developer**May 2024 – October 2024
  - I actively participated in and won 3 major open-source competitions: **Hacktoberfest**, **Vinayasa Summer of Code (VSOC)** stood in **top 20 among over 500 contributors**, and **GirlScript Summer of Code (GSSoC)**. During these events, I made valuable contributions to full-stack web development projects, enhancing features, resolving bugs, and optimizing code.

## PROJECTS

- University Official Alumni Portal**January 2024- June2024
  - I developed a comprehensive college alumni website, a full-stack application built using Next.js, Node.js, and TypeScript.
  - This platform facilitates seamless interaction between alumni and the institution, offering features such as user authentication, event management, and a searchable alumni directory.
  - Tech Stack:** React JS, Typescript, Vite, Node JS, Tailwind CSS, MySQL.
- PriceWatcher**January 2024- June2024
  - Developed PriceWatcher, an e-commerce product scraping platform using Next.js and Bright Data's WebUnlocker **handling over 1,000+ product scrapes daily with high reliability**.
  - Designed to empower users with real-time product tracking, it notifies users of price drops and out-of-stock alerts through automated **email notifications to over 200+ users**. Implemented cron jobs to automate periodic scraping, maintaining **99.9% uptime** for accurate and up-to-date product information.
  - Tech Stack:** React JS, Typescript, Next JS, Tailwind CSS, CRON Jobs, Nodemailer, Headless UI, Cheerio, MongoDB.
- Portfolio Website (PWA)**November 2024 – December 2024
  - The website showcases my skills, showcasing **10+ projects**, and achievements, incorporating features like a responsive design, dynamic project galleries. This project enhanced my expertise in modern web development frameworks and demonstrated my ability to create professional and user-friendly web applications.
  - Tech Stack:** Typescript, Node JS, Tailwind CSS, React JS, Vite.
- DineSphere**November 2024 – January 2025
  - Developed DineSphere, a scalable and production-ready restaurant website using the MERN stack. Leveraged TypeScript for type safety and Zod for robust form validation, ensuring secure user authentication with 6-digit token-based verification, password recovery, and role-based account management.
  - Engineered and integrated Stripe for frictionless payment processing, resulting in a streamlined transaction experience that improved customer satisfaction **scores by 30%** while ensuring secure real-time financial transactions. Enhanced functionality by incorporating powerful search, email workflows with Mailtrap. Delivered a **20% faster page** load time with optimized SEO and state management using Zustand, ensuring a superior user experience.
  - Tech Stack:** TypeScript, Node JS ,Express JS, Zustand(State Management),JWT(Authentication),SEO Optimization, Tailwind CSS, Mailtrap, React JS.

## ACHIEVEMENTS & VOLUNTEERING

- Award-Winning Open Source Contributor and Full-Stack Developer**May 2024-October2024
  - I actively participated in and **won 3 major open-source** competitions: Hacktoberfest, Vinayasa Summer of Code (VSOC), and GirlScript Summer of Code (GSSoC).
- Secretary of E-Cell Club:**August 2024 - January 2025
  - I have been responsible for planning, coordinating, and executing various events and initiatives, ensuring smooth operations and active participation for **over 500+ students**.