

Ashwath John

Associate Software Engineer

✉ ashwathjohnkottayil@gmail.com 📞 +91 7676144495 📍 Bengaluru 🔗 Portfolio 🌐 LinkedIn

PROFESSIONAL SUMMARY

Detail-oriented and analytical Computer Applications graduate with hands-on experience in full-stack web development, web technologies, and data-driven applications. Skilled in HTML, CSS, JavaScript, Python, RESTful APIs, and database management, with a strong foundation in problem-solving, content analysis, and software engineering principles. Experienced in developing and deploying scalable web applications, integrating APIs, and working with modern development tools and workflows. Demonstrates excellent communication, collaboration, and documentation skills, with the ability to quickly learn new technologies and deliver high-quality solutions in fast-paced environments. Passionate about web data analysis, content quality evaluation, and leveraging technology to solve real-world challenges while contributing effectively within cross-functional teams.

PROFESSIONAL EXPERIENCE

- Full-Stack Web Developer Intern, Zephyr Technologies** 06/2025 – 07/2025
Mangaluru
- Developed 5+ responsive web modules using React.js, HTML, CSS, and JavaScript, enhancing usability across desktop and mobile devices.
 - Integrated 10+ RESTful API endpoints using Node.js and Express.js to support dynamic content retrieval and backend communication.
 - Identified and resolved 20+ UI and functional defects, improving application stability, performance, and user experience.
 - Collaborated with developers using Git/GitHub workflows, contributing to feature delivery, testing, and deployment activities.

PROJECTS

CoreSync-AI-Powered SaaS Platform 📄

Tech Stack: React.js | Node.js | Express.js | PostgreSQL | OpenAI API | Clerk | Cloudinary | Vercel

- Engineered a full-stack SaaS platform integrating 5+ AI-powered tools, enabling automated content generation and image creation workflows.
- Developed 15+ RESTful APIs for authentication, content management, and user interactions, improving scalability and maintainability.
- Implemented PostgreSQL database architecture managing 1,000+ records, ensuring efficient storage and retrieval of application data.
- Deployed the application using Git-based CI/CD workflows, achieving reliable production releases and cloud-hosted availability.

Biteables - Food Ordering Web Application 📄

Tech Stack: React.js | Node.js | Express.js | MongoDB | Stripe

- Built a full-stack food ordering platform with 10+ backend APIs supporting authentication, cart management, and order processing.
- Integrated Stripe payment gateway, enabling secure online transactions and improving checkout reliability.
- Designed responsive React.js interfaces, enhancing accessibility and user experience across multiple device sizes.
- Managed MongoDB operations and deployed the application to production, ensuring consistent application availability.

Sentiment Analysis 📄

Tech Stack: Python | Machine Learning | NLP | Scikit-learn

- Developed a machine learning model to analyze and classify **1,000+ customer reviews** into positive, negative, and neutral sentiments.
- Applied NLP preprocessing and feature engineering techniques to achieve **85%+ classification accuracy** on evaluation datasets.
- Automated sentiment prediction workflows, enabling faster analysis of customer feedback and data-driven insights.

TECHNICAL SKILLS

Programming Languages

Python, JavaScript, TypeScript, PHP, C, SQL

Frontend Development

React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design

Tools & Core Concepts

Git, GitHub, Postman, OOP, Data Structures & Algorithms, Regex (Basic), Web Crawling Concepts (Basic), SEO Fundamentals, Problem Solving, Documentation

Backend & Database

Node.js, Express.js, RESTful APIs, PostgreSQL, MySQL, MongoDB

EDUCATION

BCA - Bachelor of Computer Application,

Dr NSAM First Grade College Nitte, (Nitte Deemed to be University)

07/2023 – 05/2026

Karkala

Relevant Coursework: Data Structures, Database Management Systems, Object-Oriented Programming, Software Engineering, Web Technologies

CGPA: 9.45 /10

PUC- Pre University Examination, Jnanodaya Bethany PU College

PCMC

Grade: 89%

07/2021 – 04/2023

Nelyadi

CERTIFICATIONS

AWS Essentials [↗](#)

Udemy

Full Stack Certification [↗](#)

Udemy

Programming Using Python [↗](#)

Udemy

ACHIEVEMENTS

- Built and deployed multiple production-ready applications integrating frontend, backend, databases, APIs, and cloud services.
- Maintained an academic performance of **9.4 CGPA** while actively participating in software development projects and internship programs.
- Demonstrated strong analytical and problem-solving capabilities through AI, machine learning, and full-stack development projects.