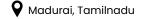
# SIVAKUMAR E



### JUNIOR DEVELOPER | MERN STACK DEVELOPER

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Profile Website

(in) <u>LinkedIn Profile</u>

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### SUMMARY

Backend Developer with 2 years of experience building scalable server-side applications using Node.js, MySQL, and MongoDB. Successfully contributed to 5+ projects, delivering performance-optimized RESTful APIs and backend services. Designed and maintained database schemas, implemented secure authentication/authorization and reduced API response time through efficient query optimization. Proficient in debugging, code refactoring, and collaborating with cross-functional teams to meet product goals. While primarily focused on backend development, I have working knowledge of React and can contribute with frontend tasks when needed. Adaptable and comfortable contributing across the full software development lifecycle.

#### **TECHNICAL SKILLS**

- Programming Languages: JavaScript, TypeScript
- Backend Technologies: Node.js, Express.js, PHP
- Database: MongoDB, MySQL, MSSQL
- Authentication and Security: JWT, Firebase authentication, Google SSO (Passport JS)
- Frontend Technologies: HTML, CSS, React
- Tools: Git, Swagger, Sequelize, Cheerio, Puppeteer

### PROFESSIONAL EXPERIENCE



Junior Developer | <u>ByteCompass LLP</u> Madurai, India | Jun 2023 - Present

## Key Responsibilities:

- Designed and developed **RESTful APIs** using **Node.js to support high-performance**, **scalable** web applications.
- Built and maintained relational (MySQL) and NoSQL (MongoDB) databases, optimizing queries and data models for efficiency.
- Implemented secure authentication, authorization and session management using JWT and Express middleware.
- Collaborated with cross-functional teams including **frontend developers**, **DevOps and QA** to deliver **end-to-end features**. Applied **agile methodologies**, **performed code reviews**, and followed version control using **Git**.

#### **KEY PROJECTS**

# </> CPT Code Scraper:

- Developed a **robust web scraping tool** using **Python and OpenAI OCR** to extract CPT codes from **websites, PDFs and images**.
- Implemented data validation logic to ensure accuracy and consistency of scraped medical code data.
- Automated the extraction and transformation of unstructured data into a structured format for analysis and storage. Stored validated datasets in MSSQL, enabling efficient querying and integration into healthcare systems.

Environment: Node.JS, TypeScript, Python, MSSQL, OpenAl.

## </> </r> KLAE

- Built a webpage generation platform that allows users to create pages using predefined templates or by scraping real-world websites.
- Implemented dynamic content extraction and template rendering using Node.js and Cheerio.
- · Integrated deployment automation for seamless publishing to Netlify, streamlining the user experience.
- Focused on scalability, user customization, and efficient content reuse to accelerate webpage development.

Environment: Node JS, MongoDB, Passport JS, Python, Puppeteer, Cheerio, Nodemailer, OpenAI.

## </> ATVARA

- Developed APIs for handling hotel operations like bookings and user management, ensuring seamless data exchange across the system.
- Implemented secure user authentication and role-based access to control permissions and ensure data security. Created custom middleware for logging, error handling, and request transformation.
- Documented the API for easy integration and understanding by developers, enhancing usability.

Environment: Node JS, TypeScript, Express JS, MongoDB, Firebase, Swagger.

## </> RAPIDLOOPS:

- Developed APIs to manage logistics data, enabling efficient tracking and management of shipments, inventory, and deliveries.
- Utilized Sequelize (MySQL ORM) to handle database operations, ensuring efficient data querying, retrieval, and storage.
- Designed and implemented endpoints for various logistics functionalities such as shipment tracking, status updates, and order management. Focused on ensuring the system is scalable and reliable for handling large amounts of logistics data while maintaining high performance.

Environment: Node JS, Express JS, Sequelize.

amazon

Digital Associate - Amazon Development centre India Pvt. Ltd.

Chennai, India | Oct 2021 - Aug 2022

## Key Responsibilities:

- Performed high-quality data annotation, labeling, and validation to train and optimize machine learning
- Ensured content accuracy and compliance with Amazon's quality standards through detailed analysis and content moderation.
- Collaborated with product and QA teams to identify process gaps, report anomalies, and improve data pipeline efficiency.

#### **EDUCATION**



**B.Sc. Information Technology** 

**GPA:9.2** 

The American College, Madurai | 2018 - 2021