

VIJAY HARIKUMAR

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Software Engineer with **3 years** of experience in **Full Stack Development** using **JavaScript, React.js, Redux, Node.js, Express Js, AWS, TypeORM, Typescript, PHP, and MySQL**. Skilled in building scalable web applications, managing cloud infrastructure, and optimizing databases. Strong collaborator with a focus on **delivering high-quality software solutions on time**. Dedicated to continuous learning and staying current with industry trends. Passionate about **clean code, test-driven development, and leveraging best practices** to enhance maintainability and scalability. Committed to **continuous learning, adopting emerging technologies, and contributing to team success**.

CONTACT

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ACADEMIC HISTORY

PRIST University | 2017 - 2021

Bachelor of Technology in Electrical Engineering

- **GPA: 7.69 / 10**

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, Redux, Ant Design
- **Backend:** Node.js, Express.js, PHP
- **Database:** MySQL, TypeORM
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, etc.), AWS CodeCommit
- **Programming Languages:** TypeScript, JavaScript, PHP
- **Version Control:** Git, AWS CodeCommit

WORK EXPERIENCE

Software Engineer | Oct 2024 - March 2025

Future Focus Infotech Pvt Ltd - Chennai

- **As a Backend Developer**, I contributed to the development of **MTN MoMo's Uganda-specific** transaction features, ensuring seamless financial services tailored to the country's needs.
- Developed and maintained scalable **RESTful APIs** using **Node.js, Typescript and the Express** framework to support mobile transaction functionalities for the **MTN MoMo app**.

Software Engineer | June 2022 - Oct 2024

Jothisoftware Pvt Ltd - Chennai

- Developed and maintained dynamic and responsive web applications using **JavaScript, React.js, Redux, Node.js, Express.js, Typescript, TypeORM, AWS and Mysql**.
- Managed and optimized **MySQL** databases to ensure data integrity and performance.
- **Utilized AWS services** to deploy and manage applications in a scalable and cost-effective manner.

PROEJCTS

MoMo App by MTN - www.momo.mtn.com

- **MTN MoMo (Mobile Money)** is a digital financial platform operated by MTN Group, enabling users to perform various financial transactions such as **money transfers, bill payments, airtime purchases, and merchant payments** via mobile devices.
- The platform plays a significant role in **promoting financial inclusion across Africa**.
- Developed and maintained core functionalities using **JavaScript, Node.js, Express.js, Typescript, TypeORM and MYSQL** for backend services.
- Focused on **security, reliability, and scalability** to support millions of transactions.
- Collaborated closely with **cross-functional teams** to align product features with user needs and regulatory compliance.
- Worked on key services for the MoMo app, including **Fees and Taxes, Water Bill, Electricity Bill Payments, etc.**, integrating them with external service providers to facilitate real-time transactions.
- Technologies: **JavaScript, Node.js, ExpressJs, TypeORM, React Native**.

Cubedots - www.cubedots.com

- **CubeDots** is an empowering project aimed at helping **real estate agents and developers sell from anywhere, at any time**.
- It is a forward-thinking PropTech company specializing in the development of immersive **3D toolsets designed** to revolutionize the **real estate sales process**.
- Through its innovative 3D sales platform, **CubeDots enables property developers and agents to present, market, and sell properties remotely** using stunning visualizations and interactive experiences.
- Developed a **CMS (Content Management System)** for CubeDots Website, allowing non-technical users to easily manage website content.
- Built a custom **Internal CRM at CubeDots Systems** to improve workflow and customer management, including features for data handling, task assignment, and performance tracking.
- Implemented a robust **user roles and permissions system** to manage **authentication and access control**. This included verifying **user logins, restricting access to specific features based on user roles**, and **dynamically hiding or showing UI elements** to ensure users only see functionalities relevant to their **access level**.
- Technologies: **React.js, Redux, Node.js, Express, Typescript, TypeORM, MySQL, PHP, AWS**.

BAM (Books A Million - www.booksamillion.com)

- **Books-A-Million (BAM!)** is a leading bookstore chain in the United States, operating 260 stores in 32 states. The stores sell books, magazines, manga, collectibles, toys, technology, and gifts.
- They operate under the names **Books-A-Million and 2nd & Charles**.
- BAM! also buys used books through its in-store **BAM! Used Buyback(DiBS)program**, available at participating locations.
- Implemented **Online Sales Criteria** to improve **buyback valuation**.
- Technologies Used: **PHP, Laminas, Zend Framework, MySQL**

CERTIFICATION

AWS Certified Developer - Associate | 2024

- Earned certification demonstrating expertise in developing, **deploying, and debugging cloud-based applications** using AWS.

AWS Certified Cloud Practitioner | 2023

- Validated foundational knowledge of **AWS Cloud concepts, services, security**, and best practices.