

Vasanth Selvaraj

+91 86674 22466 | vasanth199715@gmail.com | LinkedIn | Portfolio | Blog | GitHub | Bangalore,IN

SUMMARY

Skilled Full Stack Developer with 5 years of experience, proficient in ReactJS, Express.js, Next.js, JavaScript, TypeScript, MongoDB, PostgreSQL, and Figma. Experienced in DevOps with CI/CD, Azure DevOps, Azure Pipelines, Docker, and Git. Passionate about building high-quality web applications and solving complex problems.

EXPERIENCE

Solution Architect

Sep' 22 – Present

MavenBerg Innovations

Bangalore, India

- Implemented agile methodologies to enhance the development process. Created and streamlined a development process for improved efficiency and collaboration within the organization.
- Took Leadership for WebDevelopment team of 6 members and trained all the Juniors in Basic Web development.
- Found innovative solutions for solving deployment in local client servers for code hiding and ease of deployment (for ExpressJs, ReactJs and Python servers).

System Engineer

May' 19 – Jun'22

Tata Consultancy Services

Bangalore, India

- Acquired a diverse skill set encompassing various technologies and methodologies. Demonstrated a rapid learning ability, quickly adapting to new technologies and processes.

Skills

FrontEnd : ReactJs, NextJs, JavaScript, Figma, ES6, Vite, HTML5, TailwindCSS, Redux, Css.

BackEnd : ExpressJs, TypeScript, MongoDB, PostgreSQL, REST API's, GraphQL, Agile.

Testing : Jest, Mocha, Chai, Chai HTTP, Vitest, Unit Testing.

DevOps : CI/CD, Azure DevOps, Azure Pipelines, Docker, Git, Azure Appservices, YAML, GitHub Actions.

Projects

Panel Configurator, Mavenberg Innovations [Link](#)

Sep' 22 – Present, Bangalore, India

- Designed and implemented the application's DB schema and object structure, ensuring data integrity and scalability. Developed RESTful APIs using Express JS and Node, facilitating seamless data communication between the frontend and the database.
- Managed critical operations such as CSV/Excel/JSON data uploads to the database and streamlined BOM exports to PDF/Excel formats.
- Successfully deployed both frontend and backend components using Azure pipelines, guaranteeing smooth project delivery.
- Implemented ZOHO Books API for a customer who wanted their data in ZOHO.
- Ensured real-time data synchronization between the frontend and the database for a responsive user experience.
- Conducted backend calculations and generated detailed Bill of Materials (BOM) for components, enhancing project functionality.
- Designed and implemented the application's DB schema and object structure, ensuring data integrity and scalability.

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MavenDx, Mavenberg Innovations

April' 22 – Jul' 23, Bangalore, IN

- Provided solution to convert the scripts and command based product into a web based product, which can be easily utilized by any user.
- Established secure SSH connections between clients and backend servers for remote shell script execution. Transformed an existing product (exe) into a cloud-based solution with a user-friendly web interface, expanding its accessibility.
- Converted our product which consists of ReactJs build, NodeJs and Python into a single executable for seamless local deployment in customer server, where servers are only connected to local network.
- Created and added ssl certificate for local deployments ensuring secure data transfer between client servers.

Mavenberg Website, Mavenberg Innovations [Link](#)

Jul' 23 – Aug' 23, Bangalore, IN

- Contributed to the redesign of the company website, mavenberg.com, by offering valuable design suggestions and implementing improvements.
- Reduced the load time by introducing NextJs and eliminating heavy weight assets.
- Implemented dynamic flash cards to show the current events for our organization.

Portfolio Website, Mavenberg Innovations [Link](#)

Aug' 23 – Sep' 23, Bangalore, IN

- Utilizing cutting-edge web technologies, including Next.js, HTML, TailwindCss, and ES6 JavaScript, to ensure a modern and responsive design.
- Used gh-pages and githubs CICD Actions streamline the deployment process.

Awards

Emerging Leader Award

Mavenberg Innovations

April' 23

Education

BTech in Information Technology, Bannari Amman Institute of Technology (GPA: 6.7)

April' 15 – April' 19

Acquired a strong foundation in basics in IT concepts and technologies through the program.

Sathyamangalam, TN, India

Achievements

- | | |
|---|-----------------------|
| • Implemented Agile Project Development with Azure DevOps | Mavenberg Innovations |
| • Implemented efficient CICD pipelines for deployments and created new deployment strategies for both Cloud and local deployments using Azure Pipelines and Jenkins | Mavenberg Innovations |
| • Created Eslint rules and coding standards Organisation Wide | Mavenberg Innovations |
| • Helped in Recruitment drives for hiring college graduates | Mavenberg Innovations |
| • Managing Web Development Team Organisation Wide (12 Members) | Mavenberg Innovations |
| • Created a Microsoft Share point for Knowledge base Site to share knowledge for others and made colleagues to add articles monthly | Mavenberg Innovations |
| • Created a Organisation wide Bi Monthly Master class to share interesting topics between Team Mates on the tech stack they are working and share their knowledge. | Mavenberg Innovations |