Vignesh Venkatraman

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ABOUT ME

A passionate product developer with over ten years of experience specialised in research & development of advanced IT products used by small and medium scale enterprises. I always have the urge to learn latest technologies which are currently used by world-class tech companies and implement them within our solutions.

VISA STATUS : STAMP 1

TECHNOLOGIES OF INTEREST : React, Vue, Node, JavaScript, TypeScript, Bootstrap.

WORK EXPERIENCE

SENIOR IT MANAGER - TECH & TRANSFORMATION
Waterford Insulation [06/02/2024 – Current]

City: Waterford | **Country:** Ireland

WATERFORD INSULATION

Waterford Insulation is a leading provider of cavity wall insulation, both internal and external wall insulation, spray foam insulation, attic & acoustic insulation, fire proofing, plumbing, renewable technology services, wall & roof ventilation.

RESPONSIBILITIES HELD

1. Lead a team of developers to work oon projects and deliver them on time.
2. Work with stakeholders to understand their IT needs and define project scope for software implementations.
3. Develop project plans with timelines, milestones, budgets, and resource allocation.
4. Conduct risk assessments and mitigation strategies.
5. Manage and oversee the project execution according to the plan, ensuring tasks are completed on time and within budget.
6. Monitor project progress, identify and address any roadblocks or delays, and implement corrective actions.
7. Ensure successful project completion by testing, documenting, and training users on new systems or processes.
8. Develop handover documentation for future reference and maintenance.
9. Evaluate project outcomes and collect feedback for continuous improvement.

TECHNOLOGIES USED: React, Redux, Vue, Node, JavaScript, TypeScript.

TECHNICAL LEAD
Zoho Corporation Private Limited [20/03/2019 – 09/02/2022]

City: Chennai | **Country:** India

ZOHO CRM-Enterprise Business Solutions

Zoho CRM is an on-demand, SaaS-based customer relationship management (CRM) software solution designed to manage sales, marketing, contacts, customer support, and other business functions in a single cohesive platform.

RESPONSIBILITIES HELD

1. Performed as a Technical Lead by leading my development team to produce quality work.
2. Developed widgets using top Javascript and CSS frameworks to implement client's feature requests.
3. Responsible for on-boarding of new hires, teaching organization's development process and setting them goals.
4. Captured business requirements and designed plans on implementing client's business model with our Zoho CRM.
5. Explore new technologies available and employ them in our product to improve efficiency.

TECHNOLOGIES USED: React, Redux, Vue, Node, Bootstrap, JavaScript, TypeScript, Webpack, AWS.

MEMBER TECHNICAL STAFF
Zoho Corporation Private Limited [14/02/2015 – 19/03/2019]

City: Chennai | **Country:** India

ZOHO VAULT

An online password manager for individuals and teams which stores passwords and other confidential data in a centralized encrypted vault for secure access and management.

RESPONSIBILITIES HELD

1. Revamped our product's UI using an internally developed Javascript Framework.
2. Developed a tool in Python language to perform encryption and decryption of the saved passwords.
3. Developed features such as automatic change password for websites, form filling, WebExtensions, etc.
4. Overall in-charge of browser extensions for platforms like Google Chrome, Mozilla Firefox, Microsoft Edge & Opera.
5. Responsible for on-boarding of new hires, teaching the organization's development process and setting them goals.

TECHNOLOGIES USED : React, Redux, Vue, Node, JavaScript, Java, Webpack, AWS, MySQL, REST API.

ENGINEER TRAINEE

Zoho Corporation Private Limited [02/02/2014 – 13/02/2015]

City: Chennai | **Country:** India

MANAGEENGINE SECURITY MANAGER PLUS

A network security scanner that proactively reports on network vulnerabilities and helps to remediate them and ensure compliance.

RESPONSIBILITIES HELD

1. Developed feature enhancements based on the list of customer promises.
2. Handled mission critical and emergency situations as part of the technical support team.
3. Updated the vulnerability database periodically by adding latest vulnerabilities revealed by international regulatory bodies like Common Vulnerabilities and Exposures, National Institute of Science and Technology, etc.
4. Updated the patch database by adding the patches released for the respective vulnerabilities exposed on products developed by famous brands like Adobe, Google, Microsoft, etc.
5. Delivered hot-fixes as and when required.

TECHNOLOGIES USED : Java, JavaScript, JQuery, HTML, CSS, Postgres, JSP.

EDUCATION AND TRAINING

Msc in Cybersecurity
National College of Ireland [24/01/2022 – 25/01/2023]

City: Dublin | **Country:** Ireland

DIGITAL SKILLS

React / Vue / Node / Redux / Webpack / ExpressJS / JavaScript / TypeScript / Bootstrap / MongoDB / MySQL / Python / Django / AWS

PROJECTS

[16/06/2022 – 07/07/2022]
Gaelikart Gaelikart is an E-Commerce site which sells Irish alcoholic beverages online. This is one of the projects i developed for the "Secure Programming for Web" module in our Master's degree.

[10/09/2022 – 15/12/2022]
Adapting Argon2 Hashing Algorithm for a Strong Zero Knowledge Password Proof Authentication Research work attempted to employ "Zero Knowledge Protocol" and "Argon2 hashing" with a goal to develop a secure NodeJS password authentication system.