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ABSTRACT

Software Engineer with a track record of optimizing backend performance by 40%, enhancing frontend responsiveness, Delivering 100% on-time completion and a 15% reduction in operational costs.

EXPERIENCE

- Avonet Technologies** | *Full Stack Engineer* May 2023 – Present
- Worked on the EuRail booking platform, an online system for booking rail travel across multiple routes and services to provide a comprehensive travel solution.
 - Integrated external APIs for route selection and UI modules, improving functionality and boosting user satisfaction by 20%, resulting in a 15% increase in booking conversions.
 - Implemented secure payment processing solutions, reducing transaction errors by 40% and improving payment success rates to 98%, resulting in a 20% increase in successful train ticket bookings.
 - Participated in Agile methodologies, including sprint planning, daily stand-ups, and code reviews, to ensure timely delivery and high-quality code.
 - *TypeScript, ReactJs, NodeJs, NextJs, NestJs, Dynamodb, Postgresql, Sass, Stripe, Aws, Ci/Cd, Bitbucket*
- A R Innovations Pty Ltd** | *Full stack engineer* Nov 2022 – May 2023
- Developed a platform enabling global employee recruitment, catering to diverse industries.
 - Increased user base interaction by 50% within the first three months of launch due to enhanced UI/UX and performance improvements.
 - Optimized API response times, reducing latency by 40% with efficient query handling and caching mechanisms.
 - Debugged and optimized key parts of the application, resulting in a 20% reduction in application crashes and performance issues.
 - *TypeScript, ReactJs, NodeJs, NextJs, ExpressJs, Mongoddb, MaterialUi, Stripe, Aws, Ci/Cd, Bitbucket*
- KaayalTek Systems(Pvt) Ltd** | *Associate full stack engineer* Oct 2021 – Oct 2022
- **Streamlined Insurance Policy Application System:** Gathered and analyzed client requirements, translating designs and wireframes into high-quality code for a comprehensive insurance policy application system
 - **Intelligent AI Chatbot:** Led the design and implementation of a customizable AI chatbot, focusing on intelligent interaction and seamless integration, resulting in enhanced customer service capabilities
 - *TypeScript, ReactJs, NodeJs, NextJs, ExpressJs, Mysql, Bootstrap, Google Dialogflow, RestFul APIs, Gitlab, Azure*
- ApptimusTech (PVT) Ltd** | *Intern software engineer* Jan 2020 – Jul 2020
- Developed and maintained a high-performance web application, increasing traffic by 30% and enhancing user experience, which led to a 25% increase in user engagement and a 15% boost in average session duration.
 - *Laraval, HTML, CSS, MySql, Gitlab, CPanel*

EDUCATION

- University of Jaffna, Srilanka** Apr 2017 – Aug 2021
BSc(Hons) in Computer Science
- BT/PD/Koddaikallar Maha Vidyalaya (G.C.E (A/L & O/L))** Jan 2010 – Aug 2015

PROJECTS

ZoneCeylon

Jan 2023 – Nov 2023

- The objective is to unite individuals worldwide in support of building a healthier society in Sri Lanka
- Improved page load time by 30 % through optimization techniques such as lazy loading and image optimization.
- Improved state management, leading to a 15% decrease in front-end bugs and errors
- *TypeScript, ReactJs, NodeJs, NextJs, ExpressJs, Mysql, Bootstrap, Google Maps, RestFul APIs, Bitbucket, Cpanel*

IELTS Mastery

Apr 2022 – Oct 2022

- A Comprehensive test preparation and practice platform.
- Enhanced accessibility and responsiveness, resulting in a 25% increase in user engagement on mobile devices.
- *TypeScript, ReactJs, NodeJs, NextJs, ExpressJs, Mysql, Tailwind CSS, Google Maps, RestFul APIs, Gitlab, Netlify*

ACADEMIC YEAR RESEARCH

Simulating Real Wireless Network Behavior

Aug 2020 – Nov 2021

- Comparing wireless network behavior with virtual network
- *Python, Mininet -Wifi, Ryu, plotly.py, Postman*

TECHNICAL SKILLS

Languages : *JavaScript/TypeScript, Python, HTML/CSS, NoSQL, SQL*

Tools : *Aws, Jira, Git/GitHub/GitLab/Bitbucket, Windows PowerShell, VS Code*

Technologies/Frameworks : *React, Node.js, Next.js, Nest.js, Express.js, Dynamodb,Postgresql, MongoDB, Mysql, Redux, Redux-toolkit, Socket.io, DialogFlow, Material-UI, Tailwind Css, Bootstrap, Sass, Linux, Windows*

CERTIFICATIONS

- Getting Started with AWS Machine Learning – Coursera.
- End-to-End Machine Learning with TensorFlow on GCP – Coursera.
- Introduction to Packet Tracer – Cisco