

Janani Selvaraj
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<https://www.linkedin.com/in/janani-selvaraj-8b0a11a9/>

Programmer

6 years of adept experience in software architecture design , development, project and team management. Proven ability to deliver high-quality solutions that meet business objectives, expertise in agile methodology and mentoring has cultivated a robust development environment, driving significant improvements in project delivery and system optimization.

SKILLS

API development, Web application development, Multithreading techniques, Performance analysis, Advanced debugging, User interface design, Software architecture design, Cross-platform development, Code optimization, Project scheduling, Training and mentoring, Documentation management, Agile methodology, PKI, cryptography, unit testing, modular testing

WORK EXPERIENCE

Odyssey Technologies Limited - Chennai April 2023 - September 2024 Lead Programmer

Skills used : Oracle 19c, Erlang (OTP 17.5, mnesia, gen_server, supervisors), OOPS, DSA, python, GIT

- Identified potential areas of improvement in an authentication software product(built using native erlang libraries) to increase industry reliability.
- Delivered software solutions consistent with product roadmap and meeting release plan milestones.
- Conducted software trial runs to achieve desired results and confirm accurate information.
- Documented software development phases.
- Used Git for version control in collaborative software projects, managing feature branches, handling merges, and resolving conflicts.
- Created technical documentation for software projects.
- Created reusable programming library (Apache Tomcat) to support multi-project integration and rapid iterative development.

Odyssey Technologies Limited - Chennai July 2021 - March 2023 Deputy Lead Programmer

Skills used : Oracle 19c, Erlang (OTP 17.5, mnesia, gen_server, supervisors), OOPS, DSA, python, GIT

- Took sole ownership of a certificate Management System(built using native erlang libraries).
- **Designed, developed, and deployed** aimed at managing the SSL certificates from a single repository.
- Built tools to be run in local systems for collecting SSL certificates from systems running on operating systems like Windows, Linux, Solaris and Aix.
- Implemented strategies to take advantage of new opportunities like integrated role-based access control (RBAC) in tokenization application.
- Monitored operations and reviewed records and metrics to understand company performance.
- Built a billing system on django framework, which includes a customer profile. Used git for version control.

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Odyssey Technologies Limited - Chennai January 2019 - June 2021 Junior Programmer

Skills used : Oracle 19c, Erlang (OTP 17.5, mnesia, gen_server, supervisors)

- **Designed, developed, and deployed data security software product**(built using native erlang libraries) aimed at protecting sensitive data (tokenizing of PII Data) and ensuring compliance with privacy regulations (e.g., GDPR, CCPA).
- Build Restful APIs that serve data to the JavaScript front-end to submit dynamically chosen user input.
- Continuous debugging and bug fixing to increase product reliability

Odyssey Technologies Limited - Chennai June 2018 - December 2018 Trainee Engineer

- PKI and product introduction

EDUCATION

M.TECH in Software Systems(specialist in Data Analytics) June 2021 - January 2024 WILP BITS-PILANI PILANI

Travel Destination Recommendations
Duration : July 2023 - December 2023

Created a Web Server using Django Web Framework to host a questionnaire and to display the recommendations to the user.

B.E. in Electronics & Communication June 2014 - May 2018 LOYOLA-ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY

PROJECTS

Travel Destination Prediction System (Dissertation)

Skills used : Django web framework, HTML, CSS, JS, Python(Pandas, BeautifulSoup, Matplotlib), Spyder

Ticket Price Predictor

Skills used : Django web framework, Pandas, Matplotlib, jupyter notebook

CERTIFICATION

Cisco Networking Academy® Introduction to Cybersecurity course