

Rajan Paneru

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Work Experience

Lead Software Engineer, RANE NETWORK INC.

Feb 2022 - present

- Expertly develop, maintain, and troubleshoot Django web applications, Falcon APIs, and Python scripts
- Swiftly analyze and resolve production issues to minimize disruptions
- Collaborate closely with product teams to formulate solutions, oversee project stories, and provide a programming perspective
- Offer technical guidance and mentorship to a team of software developers
- Conduct comprehensive code reviews, ensuring compliance with development principles and coding conventions
- Assume full ownership of projects from inception to completion
- Proficient in Python, Django, Falcon, Docker, Vue, AWS, CI/CD, Jira, MySQL, PostgreSQL, and Git

Technical Lead, Tekvortex Pvt. Ltd.

Aug 2020 - Nov 2021

Senior Software Engineer, Tekvortex Pvt. Ltd.

Aug 2019 - Aug 2020

Software Engineer, Tekvortex Pvt. Ltd.

Jun 2018 - Aug 2019

- Exclusively collaborated with RANE Network as a dedicated client, responsible for developing and maintaining their web systems
- Developed Django web applications and effectively managed microservices
- Conducted comprehensive requirements analysis, proposed innovative solutions, and efficiently broke down tasks for delegation
- Elevated existing code quality by establishing coding standards and rules
- Designed robust architecture and implemented CI/CD pipelines using Atlassian/Bitbucket
- Actively participated in interview processes, evaluated candidates, and contributed to talent retention strategies
- Proficient in Python, Django, Falcon, Docker, Vue, AWS, CI/CD, Jira, MySQL, PostgreSQL, and Git

Software Engineer, YoungInnovations Pvt. Ltd.

May 2017- May 2018

- Developed Python, Django, and Flask web applications with a focus on functionality and user experience.
- Collaborated in designing pipelines and databases, and was responsible for deploying and maintaining web applications
- Conducted research and development to make informed decisions about tools and technologies for projects, including creating mockups to visualize concepts
- Expertly estimated project timelines, delegated tasks to the team, and provided guidance to junior developers to ensure project success
- Conducted thorough code reviews and maintained code repositories for version control
- Mentored interns and played a key role in assisting HR with the technical evaluation of new candidates
- Actively participated in on-site visits to various locations and data centers as a valuable technical resource
- Proficient in Python, Django, Docker, Asterisk/WebRTC, jQuery, JavaScript, and Flask

- Developed smaller web apps using CodeIgniter, Phalcon, Laravel, NodeJS, jQuery, and JavaScript
- Contributed to the back-end of Facebook Games
- Utilized FFmpeg to create videos from uploaded images
- Proposed and developed a prototype for an Android mobile app
- Managed VPS, deployed apps, and provided technical oversight at various locations
- Assisted in the company's technical decision-making
- Used PHP, Phalcon, CodeIgniter (CI), Laravel, Bootstrap, jQuery, and JavaScript

- Conducted research on browser and JavaScript capabilities to facilitate complex user interactions
- Focused on enhancing UI/UX features and resolving bugs to improve the overall user experience
- Elevated code quality by implementing best practices and optimizing codebase
- Designed front-end interfaces using Twig, jQuery plugins, AJAX, and JSON, following the MVC pattern
- Used PHP, CodeIgniter (CI), Bootstrap, jQuery, JavaScript, CSS/HTML, and AJAX/JSON for web development

- Designed multiple web pages for various industries such as car rentals and swimming pools using Adobe Photoshop
- Transformed these designs into functional HTML/CSS code through slicing and conversion
- Seamlessly integrated the front-end code with a core PHP-based CMS system
- Deployed the applications using CPANEL for web hosting
- Used PHP, Photoshop, JavaScript, AJAX, JSON, CSS, HTML, and XPath for web development

Technical Skills

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| • Python/Django | • JS/AJAX/JSON | • ElasticSearch |
| • Falcon | • VueJS/VueX | • AWS (LAMBDA, ECS, EC2...) |
| • Git | • CI/CD Bitbucket | • Ubuntu & CentOS |
| • CSS/HTML/XPATH | • SQL/Postgres/MySQL | • Docker/Compose |

Experienced with / Worked on:

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| • ElementUI/Vuetify | • Pycharm/PhpStorm | • SendGrid |
| • Jira/Bitbucket | • Webpack | • Sphinx |
| • Agile/Scrum | • GTM/GA | |
| • Unicorn/Nginx | • EmailOnAcid | |

Education

Master of Computer Science, Dec 2025 The University of Adelaide, Australia

B.Sc. in Computer Science & Information Technology, 2014 Patan Multiple Campus, Nepal