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# Career Objective & Professional Profile

Software Engineer at a leader in enterprise software, possessing a master’s degree in Information Technology together with 3 years’ experience in front-end and back-end roles. Full-Stack Developer experience acquired and now looking to contribute these skills, qualifications and previous experience in a role within a dynamic, scalable and agile team.

Looking to join a team where I can apply my strong Java and React JS knowledge to build features, design and write reusable, ethical and efficient code and algorithms, gaining merit for my ideas and work, hence helping the world overcome the challenges of a digital age. Furthermore, apply my full-stack skills where I can contribute to building and optimizing high performing modern UI and sophisticated services. Keen to work with the best developers and engineers in the industry and solve modern business problems and contribute to all of society.

# Technical Skills

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| **Programming Languages:**  **Computer Systems:**  **Tools and Framework:**  **Software & Services:** | Java, React JS, Vue JS, JavaScript (ES6), TypeScript, Python, HTML5, CSS3, Node JS, MySQL  Windows, MAC, Linux  Restful API, GraphQL, Apollo, ORM, Postman, Material UI, Microservices, Agile Development, Jest , SASS, Softr, Airtable, Netlify, Contentful CMS  VS Code, Git, Confluence, Jira, Bitbucket, Bamboo, Google Suite, MS Office Suite, Trello, Amazon Web Services, Adobe XD, Adobe Photoshop, CI/CD |

# Key Competencies & Skills

* **Excellent full-stack development skills**, building responsive, component-based applications using Gatsby JS, Vue JS and React JS with react-router and hooks, backed by module-based SASS or Material UI and CSS3 in the front-end and Java Spring, Node JS, Django Rest Framework, MySQL, AWS Cloud Environment with microservices in the backend following CI/CD.
* **Excellent knowledge of data-structures and algorithms** including arrays, queues, stack and dictionaries, along with data definitions.
* **Excellent team-work and fluidity in an agile team** completing JIRA stories and epics in the sprint or Kanban, and can cover for other team members with different roles.
* **Strong knowledge of cloud based architecture,** to deploy and release instances, Docker images, OS environments and software builds.
* Built multiple **dashboard analytics applications which required multiple access rights** for different types of users.
* **Built multiple full-stack side projects,** including image search and article builder/viewer.
* **The ability to work on projects from start to finish** with and without a team.
* Led an **Agile based team as a Project Manager** and was constantly involved in meeting with the client, getting approvals on behalf of the team and getting feedbacks at the end of each sprint.
* **System design and documentation tasks**, assisting in the creation of user experience maps, UI design, business analysis documentations, project scope, project plan and work breakdown structure.
* Was responsible for **managing the team**, organising meetings, risk management (RAID logs) and quality management (acceptance tests) tasks.
* **Integrate and analyse with Google Analytics** to understand user interactions for possible future improvements.

# Education

**Master of Information Technology**

**March 2017 - December 2019**

**Specialisation in Software Development and Business Analysis**

Charles Sturt University, Sydney, Australia

**Bachelor of Computer Science (honors)**

**October 2011 - November 2014**

London Metropolitan University, London, United Kingdom

# University Projects

**Brain Computer Interface using Machine Learning for Prosthetic Application**

**Charles Sturt University, Sydney**

Wrote a dissertation review paper titled 'Brain Computer Interface using Machine Learning for Prosthetic Application' for final year thesis. The paper is a comparative study which focuses on how machine learning based BCIs can be used to enhance bionic limbs of amputees.

**Music Recognition App for Android OS**

**London Metropolitan University, Kathmandu**

Made a practical thesis paper titled ‘Android Music Fingerprinting’ for Final Year. The project involved designing, development and testing of an android app which performed music recognition functions and also involved the documentation and presentation of the research.

# Employment History

**Front End Developer**

**7th June 2021 – Present**

**Employment Hero, Sydney, Australia**

* Using HTML, CSS, React JS to build and manage some of the front end functionalities for website,
* Making flow-diagrams for new features, consulting with manager to discuss the goal of the end product.
* Working with marketing team to come up with the best UI design for the website.
* Implementing the design plans into the website.
* Use no-code tools like Softr with Airtable to build websites.
* Participate in the business logic, database relations and build use cases.

**Software Engineer**

**13th October 2020 – 6th April 2021**

**Macquarie Group, Sydney, Australia**

* Using React JS and Vue JS to build front end features,
* Using Java and Django to build backend logic, API endpoints, http requests, JSON and XML parsing and handle defects.
* Use GIT (bitbucket, Sourcetree, GIT Bash) to merge, commit and push changes in alignment with JIRA for full clarity within agile team.
* Access AWS EC2 instances in docker containers to make changes to application in prod.
* Research and present to the team new technologies to integration with application at weekly showcases.
* Troubleshoot and solve issues, fix loose ends, perform integration tests.
* Assist the senior developer in story refinement, meet acceptance criteria of larger features.
* Participate in sprint planning, and retrospectives for better sprints.

**Full-Stack Developer Intern**

**16th December 2019 – 6th March 2020**

**Newton’s IT, Sydney, Australia**

* Create component based React web apps to solve the client’s problem.
* Use GIT for version control.
* Use functional programming with TypeScript to build a component based architecture.
* Use HTML5 and CSS3 as well as Material-UI/Bootstrap to build cross-browser compatible layouts for the web-apps, following the design and mockups specified by the UI developer and client.
* Use redux, react-router as well as react hooks to build single page application navigation.
* To assist developers investigate and build serverless framework based back-end functions (lambda functions) and fetch/push data from/to the server.
* Debugging experience and also using jest and building a bug free application.
* Write and get approval for System Design and Documentation.

**Junior Developer**

**6th April 2015 – 28th December 2016**

**Inter Link Consultancy, Kathmandu, Nepal**

* Using HTML, CSS and JavaScript to build, update and maintain UI for various websites.
* Work with the UI designer and the client to finalize design requirements.
* Assist the Lead Developer in building certain components and some Java based back-end.
* Learn and research on database technology, how to fetch data and integrate it to the website layout.
* Learn and research Android development via Android Studio and the Google SDK for Android.

# Other Professional Work Experience

**Computer Science Teacher**

**January 2012 – March 2012**

**Bal Mandir Orphanage, Kathmandu, Nepal**

Bal Mandir is a historical and famous orphanage dedicated to provide a better life to orphans of Kathmandu. They provide an environment for children to experience a stable childhood. My college was nearby and I always saw the children. I wanted to help in any way I could. Since my specialty is computer science, and with computer skills becoming more essential for future employment, I decided to teach the children computer science. I taught children from grades 1-6 how to use MS office: type letters, edit pictures and make presentations. I also taught them how the different parts of a computer works, input-process-output and other theories.

**Achievement** – Awarded a certificate of recognition for participation in volunteer work with Bal Mandir.

# Hobbies and Interests

* **Music** – Recording guitar videos on YouTube and Tiktok
* **Running** – I love running and I do it whenever I get the chance.
* **Learning** – Love to learn self-development, spirituality and science/technology through literature, audiobooks and podcasts.

# References

**On request**