Shreenidhi Bharadwaj

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EDUCATION

University of New South Wales
Master of Information Technology   *May 2023 – May 2025*
- Weighted Average Mark (WAM): 80.0
- Awards:
  - 2023-2024 Leadership Foundations program

Visvesvaraya Technological University
Bachelors in Computer Science   *August 2017 – August 2021*
- Weighted Average Mark (WAM): 70.0
- Awards:
  - 2017-2018 Excellence in Leadership development program
- Certifications:
  - Wiley MThree Alumni - Software Developer

RELEVANT WORK EXPERIENCE

Application Developer, SRE – *Nomura - Japanese Global Bank*   *October 2021 – April 2023*
- Delivered multiple **python/ansible/bash** automation solutions and saved over 1800 developer hours.
- Deployed **Angular dashboards** and **Splunk/Grafana** dashboards for monitoring internal tool usage and server logs.
- Designed and developed curated **Jenkins shared library**/ pipelines in groovy for organization wide application teams with support for multiple languages including Java, JavaScript (Node) and Python which closely mimicked **Gitlab CI/CD** which included Docker, **Kubernetes/ Helm**.
- Implemented and carried out work on Jira/Confluence automations, Ui-path, and aiding with migration to reduce duplication.

Site Reliability Engineer Intern - *Wiley Edge*   *August 2021 – October 2021*
- Selected as part of Wiley edge program, is an 8 week long intense training bootcamp, up skills interns on several DevOps technologies.
- Undertook day to day activities covering various areas including Python, DevOps practices / SRE, SDLC, databases, SQL, Linux and financial markets.

PROJECTS

University of New South Wales - Scholar Hub
Full stack devloper
- Developed a comprehensive full-stack web application helping researchers discover and manage funding opportunities through an AI/Recommender hybrid syste.
- Built Frontend using **React/Redux** and **Flask**-based backend with complete dockerization. Implemented GitHub CI/CD pipeline and used Terraform for automated AWS resource provisioning.
- Deployed application using **AWS ECS**, **Fargate**, **S3**, **Route 53**, and **CloudFront** for static and containerized components.

Personal Project – Three Tier Application – Project-A
Full stack devloper / Cloud Infra Engineer
- Architected and deployed a scalable 3-tier web application demonstrating modern cloud-native patterns.Built frontend using **Astro** with React Islands served via **S3/CloudFront**, Express.js backend on Nginx (fully dockerized).
- Implemented AWS **VPC** with **Application Load Balancer** and **ECS Fargate** for containerized backend services with **OIDC** for **github CI/CD actions**.Automated entire infrastructure provisioning using **CloudFormation** templates for reproducible deployments.

LEADERSHIP EXPERIENCE

Nomura - *Japanese Global Bank*
Project Lead – NAP   *March 2022 – April 2023*
- Oversaw work of a three-person team to create an internal product. Organizing beta tests to make sure product satisfied required needs.
- Partnered closely with product leads to understand changing requirements, and overseeing weekly standups and minutes were among other duties.

VOLUNTEER EXPERIENCE

System Administrator - SMASH Inc   *May 2024 – Present*
- Volunteering as a System administrator at Smash, managing various systems and utilizing **Azure, AWS, Kubernetes, Docker** and Terraform to deploy Smash core systems.

University of New South Wales
Let's Communicate Senior Volunteer   *September 2023 - April 2024*
- Lead English conversation sessions for international students as a qualified student facilitator.

SKILLS

Languages: English (Fluent), Kannada (Native), Hindi (Intermediate), Japanese (Beginner)
Technical Skills: C++, Python, React, Flutter, SQL, JavaScript, Angular, Docker, Kubernetes, Mongo DB, Ansible, AWS Cloud, Azure