

RAMESH DHUNGANA

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SKILLS

Languages: HTML, CSS, JavaScript, Typescript, Python

Frameworks/ Libraries: Angular, React, Node, Firebase, Cloud Functions, Django, DRF, Flask

DevOps: AWS ec2, s3, Route53, Load balancer, security groups, Nginx, Google Cloud, CI/CD

Databases: MySQL, firestore, MongoDB, PostgreSQL

Software Development: Jira, GitHub, GitLab, software development cycle

EDUCATION

- **Master's in Computer Science** - Old Dominion University, VA, USA 01/2022–Present
- **Bachelor of Electronics and Communication Engineering** - Western Regional Engineering Campus, Tribhuvan University, Nepal 11/2013–08/ 2017

PROFESSIONAL EXPERIENCE

Old Dominion University, Norfolk, VA

01/2022–Present

Graduate Research Assistant/ Lab Lead

- Developed user management Dashboard portal for “Hampton Roads Planning District Commission”(HRPDC), Chesapeake, for management of ten thousand users.
- Designed the normalized MySQL database models and executed backend implementation for 2 lab projects.
- Deployed the projects using resources namely AWS ec2 instances, s3, GoDaddy DNS, route53, load balancers, RDS, Nginx, and firebase hosting.
- Collaborated with internal teams to lead on testing of existing applications, fixed bugs, and completed the tickets at least 1 week ahead of scheduled timelines.
- Accomplished frontend development of (React web app) within 7 months ahead of schedule by 5 months for a US-based local company associated with ODU Research; working now on new products.

Freelancer at Upwork.Com, San Francisco, CA, USA

08/2019–12/ 2021

Full Stack Web developer

- Led the full-stack team of 4 US-based startups including stubenefits.com and buzzarr.com, and backend development of marinavillage.app and schoolvillage.org; ensuring beta release 2 months prior to the targeted due date.
- Analyzed software requirements, designed NoSQL database(firestore), and redesigned the codebase to externalized modules, variables, and functions resulting in code redundancy of 80%.
- Automated DevOps tasks including multi-environment deployments, google Cloud resource management, Jira and GitLab ticket management, GitHub, and GitLab integrated automated CI/CD pipelines which fastened the development by 10%.
- Integrated API services from 4 FinTech platforms including plaid.com, stripe.com, cassinfo.com, rightfoot.com, communication platforms such as intrado.com, and authentication services involving auth0.com, and firebase.google.com.
- Achieved 100% Job Success, completed +12 full stack applications, \$65k plus earnings, 5000 plus work hours, and excellent long-term collaboration with clients at upwork.com.

Insight Workshop, Kathmandu, Nepal

05/2018–07/ 2019

Software Engineer

- Developed online software selling web application for a CD-based software company, augmenting sales traffic by 15%.
- Implemented system operations commands and backend APIs for a US-based customized embedded system device called WiRFi for Remote Control of ATM vending Machines; provided a beta version of the product to the client with 90% efficiency.
- Tutored as programming instructor for 12 members of company interns and junior developers; assisting on frontend and backend web application development.

Prixa Technologies, Lalitpur, Nepal

09/2017–04/ 2018

Software Engineer

- Implemented a responsive website approach for 4 popular national news websites in Nepal, increasing mobile traffic by 30%.
- Collaborated with a team of 5 developers to design and implement internal customer management software.