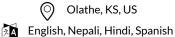
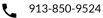


Samar Acharya

Software & Cloud Architect, Technology Leader









http://techgaun.com









BACKGROUND



ABOUT

Tech enthusiast, avid reader, life-long learner and thought leader for product tech strategy throughout the career. Also, an open-source enthusiast and part-time contributor in various OSS ecosystems.



WORK EXPERIENCE

Staff Engineer, Snappt

May, 2023 - Present

ML powered fraud detection platform

- Built infrastructure configuration with terraform and CI/CD with github actions
- Led the technical implementation for Automated Validation component in core application
- Initiated and collaborated with key stakeholders to help build architectural standards across the teams
- Implemented industry standard security practices on core application
- o Tech highlights: Elixir, Javascript, Typescript, Node.js, PostgreSQL, AWS, Kubernetes, React, Github Actions, Terraform

Principal Cloud Application Architect, Zego (Powered by PayLease)

May, 2019 - Apr, 2023 **③** 3 years 11 months

Zego provides property management services and solutions such as payment, billing and smarthome systems

o Worked with VP, directors and tribe leaders and product team on strategic growth and platform maturity

- Worked with various teams for architectural foundations and cloud native SOA converting majority of 20 years old monolity to 20+ microservices
- Reviewed various architectural proposals on high-level system design and code implementations
- Provided leadership guidance for smart and engage initiatives
- Managed cloud platform of Zego
- Engaged in technical dilligence in M&A efforts
- Worked with security group and provide code reviews and perform internal pentests
- Designed and developed micro-frontend architecture and template and help teams adopt it
- Built and maintained mobile ci/cd workflows and helped teams with react-native hands-on work
- Tech highlights: Elixir, Javascript, Typescript, Node.js, .NET Core, PostgreSQL, MongoDB,
 InfluxDB, AWS, GCP, Kubernetes, Harness, Concourse, React, React Native, Bitrise, C, C++

Lead Software Architect, Zego, Inc.

Jan, 2017 - May, 2019 **Q** 2 years 4 months

Smart-home and multi-family residential solution; acquired by PayLease in May 2019

- Managed and maintained infrastructure and application
- o Led a team of engineers to build successful cloud and device solutions
- Managed cloud platform of Zego
- Helped company make successful exit by building solid technical foundation
- Built all the various smart home voice integrations of Zego
- Architected and implemented third-party property management and payment integrations
- Tech highlights: Elixir, Javascript, Typescript, Node.js, Python, C, C++, PostgreSQL, MongoDB, InfluxDB, AWS, GCP, Kubernetes

DevOps Engineering Manager, Brightergy, LLC

Sep, 2014 - Dec, 2016 **Q** 2 years 4 months

Clean energy technology solution to turn energy data into actionable intelligence.

- Wrote backend api and IoT device code in elixir and python
- Led a team of engineers to build successful cloud and device solutions
- Managed cloud platform of BrighterLink, the energy platform including scaling, high availability, security and resilience at all level
- Designed the solutions and implementation details for various core business features
- Tech highlights: Python, Elixir, Javascript, Node.js, PostgreSQL, TempolQ, InfluxDB, AWS, GCP, Kubernetes

Chief Technology Officer, Techgaun Nepal Pvt. Ltd.

Dec, 2013 - Aug, 2014 **③** 8 months

Startup building local data analysis platform as a product while sustaining itself via the outsourcing work.

- Led a team of developer to build data analysis platform for local business data
- Designed, implemented and delivered custom software solutions for the clients
- Tech highlights: Python, Javascript, Wordpress, MySQL, PostgreSQL

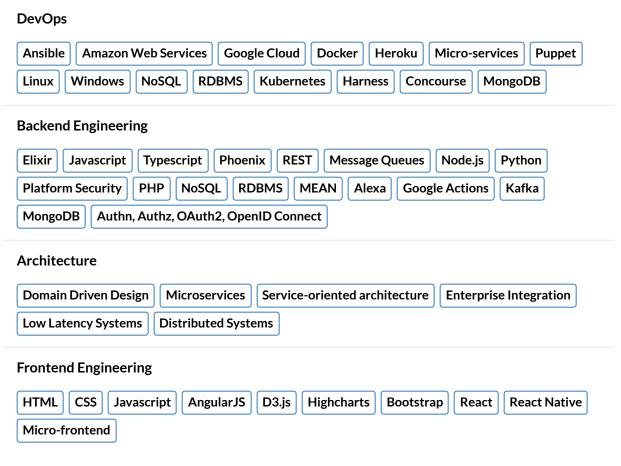
Release Engineer, Deerwalk, Inc.

May, 2013 - Dec, 2013 **③** 7 months

Developed solutions for data analysis and management of US healthcare turning the vast amount of data into actionable insights and intelligence and used for patient care, insurance assessment, etc.

- o Built a highly flexible deployment environment for highly resilient platform
- Implemented local dev environment with dummy data generation for several large-scale projects
- o Performed security assessment against various projects
- o Tech highlights: Python, Javascript, Java, Groovy, .NET, Hadoop, MSSQL Server





EDUCATION

Computer Engineering, Bachelor, Kathmandu University

Aug, 2009 - Dec, 2013

3.68 - A in computer related courses

Computer Graphics Compiler Design Computer Systems Architecture

Principles of Programming Languages



VOLUNTEER WORK

Technical Co-ordinator, Help Nepal Network

Jan, 2012 - Dec, 2012

The largest charitable network of Nepalis, HELP NEPAL Network: One Dollar a Month Fund for Nepal is a global charity run on a fully voluntary basis. Help Nepal Network runs a educational project with a goal of deploying one electronic library per district.

- Led a team of volunteers to deploy electronic library using LTSP and provided training to the students
- o Developed a complete solution to automate the deployment of electronic library

Network Engineer, Kathmandu University Boys Hostel

May, 2012 - Oct, 2013

I maintained and managed internet connectivity and network of more than 200 hosts in a hostel network.

- o Built an automated traffic shaping utility and firewall policy
- Developed and implemented various network security measures for ethernet and WiFI network

