

Deepak Lamichhane
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Berlin, Germany
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EDUCATION

MSc | Software, Services & System Development, University of Oulu, Finland, 2013
Bachelor | Computer Engineering, Purbanchal University, Nepal, 2007

LANGUAGES

English (Professional), German(B1), Nepali (Native)

TECHNICAL SKILLS

- Languages: Ruby(Expert), Ruby on Rails(Expert), Node.js, Javascript, Typescript
- Cloud Infrastructure: **AWS Developer Associate certified**
- Databases: Postgres, MySQL, SQLite3, Elasticsearch, Redis
- Practices: Microservice, Monolith, Distributed Systems, Engineering best practices, Scrum/Kanban, Event Driven Architecture, Cloud solutions/provider, Test Driven Development (TDD), BDD
- Others: Kubernetes(k8s), SQS/SNS, DynanoDB, S3, ECS, Gen AI, LLMs, Git, Sidekiq, ECS Fargate, Docker, CI/CD, CQRS, REST API, Infrastructure as Code(Terraform), DevOps.

PROFESSIONAL EXPERIENCES

Solaris SE

Sr. Software Engineering -> Staff Engineer (2yrs)

Germany
April 2018 - Dec 2024

- Design and developed Banking products RESTful APIs: Digital Banking, Sepa Direct Debit, Sepa Credit Transfer, Standing Orders, Timed Order, FX Trading, Statements, Account opening, Seizures, PSD2, FX-Reporting and many more.
- Enhanced system security by separation of frontend and backend's load balancers and, implementing system-specific firewall rules that prevented attackers.
- Delivered efficient and timely solutions by collaborating closely with the product team, and key stakeholders to align technical execution with business priorities and project timelines.
- Streamlined a bug reporting process by setting up an error reporting workflow, which improved MTTR by 80% and reduced problem-solving time from indefinite delays to a few days.
- Contributed to the hiring process by conducting technical interviews and evaluating candidates.
- Enhanced team code quality and developer proficiency by mentoring engineers through culture of continuous learning, pair programming and code reviews, promoting best coding practices.
- Incident Management and Level 3 support

Homify online GmbH

Sr. Fullstack Engineer -> Technical Lead (1 yr)

Germany
Feb 2014 - May 2018

- Developed a functional discussion forum MVP in just 2 weeks to enable rapid user testing and internal validation for the company's new community engagement initiative.
- Improved average page load speed by up to 70% and enhanced scalability by implementing full-page caching using Cloudflare and Fastly CDNs, Rails caching, and integrating Elasticsearch for optimized search
- Reduced integration test runtime from 1 hour to a few minutes for developers by integrating the test suite with CircleCI, significantly saving developer time and accelerating pull request review cycles.

- Reduced the manual sales processes by 50% with Salesforce integration and automated most key sales workflows, and customer relationship management.

Koodiviidakko Oy
Software Engineer

Finland
Dec 2012 - Jun 2013

- Contributed to the development of an e-commerce platform by developing core functionality.
- Enabled customers to monitor key business metrics by utilizing Highcharts to create interactive reports on product sales, orders, active carts, and search queries, improving data visibility and decision-making.

Neonella Oy
Software Engineer

Finland
Jan 2012 - Aug 2012

- Enhanced the Video-on-Demand platform by developing new features that improved user engagement and content accessibility.
- Performed maintenance and updates on legacy projects to ensure continued functionality and performance.

CloudFactory Pvt. Ltd.
Software Engineer

Nepal
Aug 2010 - Aug 2011

- Built a suite of analytical tools to enhance content intelligence by implementing sentiment analysis, entity extraction, transcription (audio/video), and language translation using various third-party APIs.

D2Hawkeye Services Pvt. Ltd (acquired by Verisk Analytics)
Software Engineer

Nepal
Sep 2008 - Oct 2009

- Developed web solutions that addressed client needs by designing and implementing scalable applications.

College of Innovative Technology (December 2007 – June 2008) - Teaching Assistant

- Member of teaching faculty & assisting the professor for theory & practical lectures provided on subjects Object Oriented Programming (C++) & Software Engineering.

CERTIFICATIONS

Software Architecture Foundations
Foundations of Project Management (Google)
AWS Developer Associate,
Terraform