

# Buddha Mani Gautam

Backend Developer

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## PROFILE

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A Computer Engineer with 2+ years of professional experience in software development, a linux enthusiast who loves experimenting with new technologies and someone who is very passionate about developing a successful career in tech.

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## EDUCATION

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**Kathmandu University** 2018 – 2023  
*Bachelor in Computer Engineering*

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## PROFESSIONAL EXPERIENCE

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**Khalti** Aug 2023 – present  
*Backend Developer*

- Used khalti CBS to integrate different financial services.
- Integrated different cooperative providers to allow cooperative payments through khalti.
- Implemented Fonepay's dynamic QR and used it for different services.
- Utilized idempotent keys for end-to-end payment in multiservice system.
- Developed an enterprise merchant stack for facilitating door-to-door payments.
- Contributed to the development of the event system, during major events like Arijit Singh and Atif Aslam concerts.
- Implemented generic features like, Oauth, Notification systems, dashboard visualizations, export management etc, with scale in mind.

**LIS Nepal** May 2023 – Jul 2023  
*Software Intern*

- Learned to write ETL scripts.
- Worked with YOLO objects detection model to create different POC's like vehicle speed detection and others.
- Created backend API's to integrate with different Langchain based services, like Q&A with documents, agents, chains,
- Worked as data analyst and generated different reports.
- Maintained the project's github repo.

**Freelance** Jan 2022 – Jan 2023

- Worked with developing a Freelancing platform like upwork for a international client.
- Worked with AWS, Heroku and others to deploy basic applications
- Worked with django/flutter to deliver simple projects.

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## SKILLS

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- Python/Django/FastAPI
- Redis/RabbitMQ
- Golang
- Linux/Docker/Cloud
- Database/Postgres/SQL

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## PROJECTS

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### VOTIFACE

*Blockchain Based voting application*

- Mobile voting application for Nepal's national-level Election.
- Uses facial recognition to provide additional authentication of voters.

### NEPSENSE

*Hobby Project*

- Library to help perform different data analysis on NEPSE data like, volume analysis, floorsheet analysis, sector analysis etc.
- A CLI application to get real-time data like market depths, highest turnover, top losers, company details, etc.

### TRAVELLUM

*Freelance system for travel guides*

- Freelance system for travelers to meet local guides, with an integrated payment system.
- One portal to connect all travel Enthusiasts via blogs, chats, etc.

### Odyssey

*Travel based mobile app*

- A social media based on travelling.
- Features like, real time chat, blogs, posts, explore sections, followers following, public posts, private posts etc.

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## REFERENCES

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**Mr. Suresh Gautam**, CEO and Co-founder, ExtensoData  
suresh.gautam@extensodata.com

**Mr. Dhruva Adhikari**, CTO, Khalti  
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**Mr. Subit Raj Pokhrel**, VP of engineering, Khalti  
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**Mr. Anish Byanjankar**, Principle Software Engineer, LIS Nepal  
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