

# Suparth Narayan Ghimire

[suparthnarayanghimire2014@gmail.com](mailto:suparthnarayanghimire2014@gmail.com)

977-9848952466 NP

Kathmandu, Nepal

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[Github](#) | [Linkedin](#)

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## Skills and Abilities

- Excellent Proficiency in NodeJS and Express to create server side applications using REST APIs and GraphQL
  - Great knowledge of Client Side Libraries and Frameworks - HTML/CSS, SCSS, Next.js, React
  - Experience in working with version control - Git/GitHub
  - Worked on Multiple Projects using databases such as MySQL, PostgreSQL, MongoDB
  - Experience in Web Sockets using SocketIO
  - Currently Learning Technologies: DevOps Practices, Go, Docker
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## Work Experience

- **Design System in Next.js**

*March 2021 - Current*

**Aspark Systems**

- Created Design System for a Educational Platform using custom CSS designs and React Bootstrap.
- Integrated Existing REST API to design components.
- Worked on Agile Development Environment with Continuous Integration/Continuous Development.

- **Next.js Frontend Development**

*December 2021 - February 2022*

**Aspark Systems**

- Integrated Existing REST API with frontend design for company's long term client
- Worked on Agile Development Environment with Continuous Integration/Continuous Development.
- Created Multiple Reusable Components in the Application along with using preexisting templates.

- **Valley Public School RMS**

*June 2020 - September 2020*

**Freelance**

- Created Resumt Management System for Valley Public School
- Used Latest Design Patterns, **REST API**, **MySQL** database and pug templating engine to create entire full stack application

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## Projects and Community

- **School Management System**

*SMS for Any School*

- Features to Manage Students, Teachers and Employees
- Features to Manage School Finances
- Features to Manage Student's Academic Performance (Result System)
- Integrates REST API with Frontend Application
- [Github](#)

- **Talk**

*End to End Encrypted Chat Application*

- Chat Application that uses **AES encryption** and **Diffie Hellman Key Exchange** to let users Chat to each others securely
- [Backend Code](#) | [Frontend Code](#)

- **Express CMD**

*CLI Tool*

- Generates **Express Boilerplate Code**
- Generates Boilerplate Code for Initializing **Server, Routes** and **Controllers**
- [Github](#) | [npm](#)

- **Path Finding Visualizer** *Visualization Tool*

- Visualizes Popular Path Finding algorithms such as **A-Star** and **Dijkstra** in a Grid of Nodes
- Able to Navigate through Maze
- [Github](#) | [Demo](#)

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## Blogs

- [JavaScript Local Storages](#)
- [CSS Theme Switch](#)
- [Skeleton Screens Using Vanilla JavaScript](#)
- [Simple GitHub Profile Page Display APP using GitHub API and Flutter using BLoC Pattern](#)

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## Education

- **Tribhuvan University** - BscCSIT 2019 - *Current*