Suparth Narayan Ghimire

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Github | Linkedin

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`
- Experiece in working with version control - `Git/GitHub`
- Worked on Multiple Projects using databases such as `MySQL`, `ProstGreSQL`, `MongoDB`
- Experience in `Web Sockets` using `SocketIO`
- Currently Learning Technologies: `DevOps Practices`, `Go`, `Docker`

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 Resuable Components in the Application along with using preexisting templates.

- **Valley Public Scool 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

  - Featrures 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](#)

- Demo

- **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

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*