Vikash Singh Tomar

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Experience

Nextleap   **July 2023 – October 2023**
Product Management Fellow   *Remote*

- Received TOP FELLOW certification upon completion of the cohort.
- Proposed solution to Rapido's rising ride cancellation by analysing the problem, collecting user feedback and interacting with rapido captains.
- Learnt and applied the concepts of Product discovery, Problem identification, User research, Solutions and Conceptualization, Outcomes mapping etc. to solve various problems.

Aubergine Solutions   **August 2022 – March 2024**
Software Engineer   *Remote*

- Worked as a fullstack developer for FourthPartner Energy and developed various features ranging from billing, mapping plants, energy conversion, effective energy generation, computational functionalities to feature designs.
- Developed the functionality of mapping Proxy Plants to ensure smooth and seamless data sharing and processing between multiple solar plants.
- Implemented RabbitMQ queues to format and store the data of more than 6000 devices on Redis for smooth and seamless data flow on the backend side.
- Deployed functionalities to visualize data using Highcharts to improve the experience of client-side users.
- Handled AWS operations like setting up alerts, implementing Lambda functions, deploying backup scripts to uploading data on S3, etc.
- Developed billing APIs from scratch to generate bills based on complex energy calculation methods for 1200+ solar/wind plants.

Aubergine Solutions   **January 2022 – July 2022**
Software Engineer Intern   *Pune, MH*

- Developed authentication flow for a web application using Node.js, Express.js, JWT and MongoDB.
- Implemented the functionality to segregate plants based on filters.
- Enhanced heavy computational functions by using queues, caching and timeouts.
- Created reusable functionalities to generate customized reports based on characteristics of plants and user needs.
- Increased the website load performance by 20% by removing redundancy and implementing caching.

Tellephant   **August 2021 – October 2021**
SDE Intern   *Pune, MH*

- Developed CRUD flow using Node.js, GraphQL and PostgreSQL for sellers to design and update custom landing pages.
- Created User-friendly manual order upload function used by 70% sellers to take manual orders and maintain user data.
- Implemented the functionality to render banners in a prioritized order and change them periodically.
- Deployed API to accept/update/delete orders and reflect the same in pre-existing orders.
- Set up manual test cases for Orders flow using jest.

Education

DY Patil College of Engineering   **July 2018 – Present**
Bachelor of Engineering in Electronic and Telecommunication, 9.35   *Pune, MH*

Kendriya Vidyalaya   **May 2018**
High School   *Nashik, MH*