

NIKESH SHRESTHA

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[GITHUB.COM/OWSTRON](https://github.com/OWSTRON)

SKILLS

Programming: TypeScript, JavaScript, HTML/CSS, Python, Go, C#

Libraries/Platforms: Node.js, React.js, Django, Flask, Redux, jQuery, Tensorflow, Scikit-Learn, Beautiful Soup, PyStan

Tools: Git, Bash, Tableau, Linux, Docker

Data/Databases: MySQL, PostgreSQL, Redis

Cloud: Amazon Web Services, Heroku, Google Cloud

EXPERIENCE

Blend Labs Inc – Software Engineer

07/14/2020 – PRESENT

- Took over and successfully completed the migration of the core model in a platform service to a task-based model so that it can easily incorporate with other backend services.
- Developed an auto-assignment engine to automatically assign loans to the operations desk user based on the number of assigned loans and other preferences.
- Built web interfaces using React.js for third-party recipients of loans that allowed users to complete tasks and access documents.

Minerva Project – AI Research Lab Intern

06/15/2019 – 05/23/2020

- Developed an AI service to create Karaoke videos of any song uploaded by the user.
- Programmed an AI service that produces the transcription of meeting recordings via AWS Transcribe, extracts a list of tasks using trained models, and deployed it with an API interface.
- Built and deployed a web interface using React.js that sends meeting recordings to the backend and displays the response as a list of tasks.

Minerva Project – Software Engineering Intern

05/30/2018 – 08/24/2018

- Took over and successfully completed the migration of the core model in a platform service to a task-based model so that it can easily incorporate with other backend services.
- Developed an auto-assignment engine to automatically assign loans to the operations desk user based on the number of assigned loans and other preferences.
- Built web interfaces using React.js for third-party recipients of loans that allowed users to complete tasks and access documents.

EDUCATION

Minerva University – Bachelor of Sciences in Computational Science and Business

09/05/2016 – 05/26/2020

Coursework: Algorithms and Data Structures, Software Development, Machine Learning, Statistical Modeling, Calculus; Simulation and Modeling, Causal Inference.

Projects

- *Kanban Board:* Designed and developed a task management application based on Kanban methodology.
- *Loan Approval Modal:* Constructed ML models with feature scaling with 90% predictive power on classifying loan approval based on risk profiles.
- *Traffic Simulation:* Modeled a traffic simulation to measure the effect of driver behaviors, traffic lights, and obstructions on highway traffic.

ACCOMPLISHMENTS

- Sole participant to find the status of non-binary inclusion in the investigation of 1.5K founders for 500 Startups analyzing data & creating visualizations to demonstrate founder diversity (2017)
- Won a national-level hackathon for differently-abled people hosted by MIC Nepal, Google, and UNICEF that allows users to control the mouse with head movements and eye blinks.

ADDITIONAL EXPERIENCES

Fiyodo Handicraft Pvt. Ltd. – CEO (Nepal)

09/2015 – 04/2016

- Led an e-commerce startup selling handicrafts; from ideation to ~\$1,000 monthly run rate.
- Drove social media promotion campaigns that reached 50,000 people. user based on the number of assigned loans and other preferences.