

Tulga Tsogtgerel

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SKILLS

- Languages: **Java, JavaScript, C++, Python, GoLang, Ruby**
- Frameworks/Libraries: React.js, React Native, Node.js, Echo, GStreamer, Angular
- Technologies: Linux/Unix, Git version control, AWS, Postgres, Redis, OpenCV

RELEVANT EXPERIENCE

LetsEat | Berkeley, CA

Software Engineer Intern

June 2019 - September 2019

- Developed new api endpoints for existing GoLang backend infrastructure with database models to ensure a fast release cycle for a growing startup.
- Designed and implemented user authentication strategy with JSON web token, Redis and Redux, resulting in a robust login system for users.
- Created responsive restaurant and food order pages on existing React Native app, delivering better user experience.

Bebo | San Francisco, CA

Software Engineer Intern

May 2018 - January 2019

- Created user requested caching feature within the video pipeline and improved load time 10 times faster.
- Managed deployment cycle to deliver newly available features and hot fixes biweekly.
- Involved in reviewing and provided ideas in design and architecture discussions related to multiple projects integration.
- Designed and launched a new C++ process within nw.js application, allowing users to use StreamDeck seamlessly.

PROJECTS

Video game draft pick analyzer

<https://github.com/thetulga/dota2Draft>

- Downloaded and extracted heroes' matchup data from entire HTML pages from www.dotabuff.com.
- Built and deployed a single page web UI for data entry to analyze match up data.

Esports news portal site

<https://bitbucket.org/BattulgaTS/webproject>

- Developed a full stack application from scratch using Node.js, React.js, MySQL. Implemented passport.js user authentication strategy with Redis as storage for performance.
- Created database models using Sequelize ORM and API endpoints with optional authentication.
- Deployed and monitored logs of the entire application on aws with nginx reverse proxy server.

EDUCATION

San Francisco State University

December 2021

Bachelor's in Computer Science

Relevant Coursework: Data Structures, Algorithms, Discrete Mathematics, Machine Structures, Web Software Development, Programming Methodology (in progress), Analysis of Algorithms (in progress)

AWARDS

- Mongolian national programming contest 2014 bronze medalist
- Qualified to represent Mongolia in IOI 2014