Jacob Marttinen

+1 (443) 630-2647
jacob@marttinen.ca
https://github.com/jemartti
https://www.linkedin.com/in/jacobmarttinen

Skills

- Full-stack backend developer experienced in building out application servers from the ground up, from initial API design to large-scale production deployment
- **Languages/Frameworks:** Go (Gorilla, Negroni), Node.js (Koa, Express), Python (Flask), iOS (Swift 3), basic front-end web (HTML/CSS/JS)
- **Infrastructure/Ops:** AWS (EC2, Elastic Beanstalk, RDS, DynamoDB, ElastiCache, S3, SNS, SES), Google Cloud (App Engine, Compute Engine, NDB), PubNub, TokBox, Twilio, Git/GitHub, Datadog, CircleCI, Apex Ping, Pingdom, PagerDuty
- **Data:** DynamoDB, MySQL (+ Amazon Aurora), Redis, Google NDB, PostgreSQL

Projects

🍑 Peach

http://peach.cool
- Designed, developed, and deployed application backend using Go/DynamoDB/Aurora on AWS
- Smoothly scaled to >100k active users and top of the App Store within 24h of launch

🐣 Byte

http://byte.co
- Designed, developed, and deployed application backend using Python/NDB on Google App Engine

Experience

Software Engineer   06/2014 – Present
🐣 Byte – New York, NY
- Lead backend API architecture/development/deployment for several iOS/Android/web applications with >500k users
- Managed/mentored a small team of engineers

Software Development Engineer   08/2013 – 06/2014
🪟 Microsoft – Redmond, WA
- Optimized scaling and performance for Entity Framework releases
- Contributed to the Microsoft Azure SDK for Node.js

Web Engineer   10/2012 – 08/2013
Work Market – New York, NY
- Implemented several features for the Work Market web platform

Education

Honours Bachelor of Mathematics (Computer Science)
University of Waterloo, Canada
iOS Developer Nanodegree (in progress)
Udacity