Ethan Woodward

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Summary Statement

Senior engineer with 6+ years experience at Charlotte-based startups.
Worked across the stack with a focus on delivering reliable, scalable backend services leveraging AWS cloud services. Seeking opportunities to continue to expand knowledge and experience working in software infrastructure and tooling.

Languages and Technologies

- **Languages:** Go, Javascript, SQL, HTML/CSS
- **Technologies:** AWS (Serverless focus + ECS Fargate), Docker, MySQL, Terraform, CircleCI, Github
- **Working knowledge of:** React, Vue, Nuxt, Typescript, Tailwind, Python, PHP, Gitlab

Work Experience

Sleepme, Asheville, NC

Senior Backend Engineer, Platform Team   *February 2021 – Present*
- Primarily worked with Go and AWS serverless (Lambda/DynamoDB/API Gateway) as well as AWS ECS Fargate.
- Architected, engineered, and maintained the IoT platform for Dock Pro (thermoregulating mattress pad) and Sleep Tracker.
- Engineered solutions to manage and leverage sleep data for device automations, machine-learning (ML) temperature corrections, and user reporting.
- Created full stack web application for partners to reliably manage device manufacturing.
- Created full stack web applications to enable operations and customer experience teams to evaluate and repair devices.

Passport, Charlotte, NC

Staff Engineer Team Lead, Parking Team   *September 2019 – February 2021*
- Collaborated with Google on Passport parking integration with Google Maps in launch cities.
- Optimized microservices architecture for parking sessions, rates, and payments to meet service-level objectives (SLO) for Google Maps integration latency.
- Managed Parking team of 4-8 engineers performing standups, one-on-ones, retrospectives, and performance reviews.
- Worked with business analysts and product owners on defining sprints and roadmaps.

Senior Engineer Team Lead, Rapid Response Team   *May 2018 – September 2019*
- Collaborated with support teams on high-value, low-cost initiatives for partners.
- Maintained Parking and Permit systems for all partners (including major partners in the cities of Chicago, Toronto, Montreal, and Boston).
- Lead deployment efforts across the engineering team for existing monolithic service.
- Managed Parking team of 4-8 engineers performing standups, one-on-ones, retrospectives, and performance reviews.

Software Engineer, Parking Team   *October 2016 – May 2018*
- Worked on Parking systems for all partners.
- Led launches of major partners whitelabel applications in London and Montreal.