

James Hardjadinata

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EXPERIENCE	Software Engineer at Uber , San Francisco, CA	Feb 2021 – Present
	<ul style="list-style-type: none">• Worked on the backend Identity Team, which handles signup, login, and account management for all Uber products handling 2,600+ RPS and 500K+ signup and login sessions per hour.• Often worked with our bot defense and risk teams to mitigate account takeovers, bot attacks, and OTP fraudsters during 24-hour on-call shifts; participated in global, Uber-wide incident mitigations with our central Ring0 SREs.• Added and updated flows meant to standardize and unify the authentication process across all products; oversaw unit and integration test coverage to increase overall flow coverage.• Designed and implemented the backend for our MVP to unify the account management experience (UAM); 10% (20M+) of all active users access UAM and 3.8M users monthly successfully update their account info via UAM.• Represented my team and owned the addition of pronouns, spender verification, and data access pages in UAM.• Designed a dynamic timeout library for our services to more easily manage their 30+ service dependencies in the event of degradation; worked with senior staff engineers to make it usable by other teams/orgs.• Created an evergreen, recurrent nudging campaign getting drivers to verify their information in order to reduce account takeover and login issues, reaching 6M+ users and getting 1M+ to verify.	
	Software Engineer at Avast (now Gen) , Emeryville, CA	Jul 2017 – Feb 2021
	<ul style="list-style-type: none">• Developed backend Docker container-based microservices in Java/Python, with MySQL, Redis, and extensive use of AWS. The combined products serviced 2M+ users globally with 50M+ daily client requests to the backend.• Also wrote automated tests, deployment pipelines w/ Spinnaker and Kubernetes, and infrastructure management w/ Terraform for the backend.• Responsible for full knowledge of the backend architecture to onboard new engineers, help make decisions to changes in key feature flows, and to coordinate with project/product management.• Collaborated with product management to take ownership for and design new features in the backend, worked with other backend teams to consider scalability as well as frontend/client teams to communicate API flows and expectations.	
	Software Test Engineer Intern at Clustrix (now MariaDB) , San Francisco, CA	Jun 2016 – Aug 2016
	<ul style="list-style-type: none">• Wrote automated test cases in Python and bash scripts involving extensive SQL/Clustrix-exclusive SQL; was responsible for product knowledge to assist clients.• Added test features, reported bugs and reviewed code for the next version release related to replication, rebalancing, user-level locks, and cluster reporting.	
	Software Development Intern at The Portal by K5 Ventures , Irvine, CA	Oct 2015 – Jun 2016
	<ul style="list-style-type: none">• Developed native Android apps, web apps with HTML/CSS + AngularJS (MEAN stack) for startups.• Responsible as a team lead for daily decision making, project consultation and delivery with Agile.	
EDUCATION	University of California, Irvine , Irvine, CA	Oct 2014 – Mar 2017
	B.S., Computer Science, GPA 3.9	
	Oracle Certified Associate, Java SE 7 Programmer , Oracle Corporation	Apr 2013
SKILLS	Programming Languages: Python, Java, Go	
	Technologies/Applications: Ansible, AWS, Git, Linux, SQL, Cassandra, Kubernetes, Spinnaker, Swagger/OpenAPI for REST APIs, HTTP, GRPC, Terraform	