Arie Oldman

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Summary

Competent and compassionate software engineer specialising in backend development who has an interest in team leadership.

In search of a Senior Software Engineer position with the goal of becoming a Technical Lead by 2026.

Skills

Technical

- Programming languages: **PHP, Javascript, Go, and shell scripts** with secondary languages **Lua and Scala**.
- Build and maintain distributed systems with **AWS, Docker, Linux, MySQL**.
- Design major features according to **SOLID, domain-driven design (DDD), 12-factor**.
- **Unit testing**, test-driven development (**TDD**).
- **Refactoring and optimisation** of legacy code.
- Create APIs with **gRPC and Protobuf**.
- Create web front-ends with **Vue and Javascript**.

Interpersonal

- **Communication**, knowledge sharing, deliver technical presentations.
- **Agile** (scrum, kanban, stand-ups, retros).
- **Mentoring** intern and junior engineers, pair programming, code review.

Professional History

Deputy • Software Engineer (Compliance)
September 2019 – present

- Built major compliance features on Deputy's PHP, Vue and Go stack, much of which is legacy code (10+ years old).
- Responsible for planning and executing projects as part of a cross-functional team.
- Deliver technical workshops, guides, and documentation to software engineers.
- Mentored two interns, guiding them through their 3-month intern projects. Both accepted permanent positions at Deputy.
- Pioneered new developer workflows which enable faster feature delivery.

Spriggy • Junior Software Developer
March 2019 – July 2019

- Resolve bugs in Spriggy's Python backend.
- Implement rate-limiting to reduce instantaneous system load.
- Add analytics tracing code into Spriggy backend.

Singtel Optus • Cadet Engineer (Networks)
July 2015 – March 2019

- Create data visualisation software for national IP network topology and mobile network connectivity data using Python and Javascript.
- Create internal web utilities to assist device testing and zero-rating using PHP and Python.
- Cleanse legacy IP network data using Perl.
- Manage maintenance orders for Optus mobile sites to deliver improved 4G coverage.

Self Employed
2015 – present

- Creator of open-source project Deathrun Neue (61 stars, 18 contributors), a gamemode for Garry's Mod.
- Create and sell addon products for Garry's Mod servers to enrich the player's online experience, written in the Lua programming language (4805 units sold).
- Manage sales, promotions and marketing media using the *gmodstore* marketplace platform.

Educational History

Macquarie University • BEng (Honours) in Telecommunications Engineering
2015 – 2018

- Coursework includes systems engineering, physics, linear algebra, calculus, electronics, engineering statistics, computer networks, signal processing.
- Thesis paper: Inline DDoS Detection for Small to Medium Businesses.