Aria Pahlavan

Building fast, scalable, ethical and impartial software

Email: arix.ap@gmail.com
Address: Austin, TX
Git: github.com/ariapahlavan
Portfolio: ariapahlavan.github.io

EXPERIENCE

Visa, Austin, TX — *Senior Full-Stack SW Engineer*

AUG 2020 - Present

- Identifies root-cause of several performance issues by performance testing, building dashboards and adding fixes (P95 from 5.2s to 0.24s)
- Leads LTA releases and performance improvement efforts, allowing enrollment of 8M+ users
- Creates architecture, designs and implementation for scalable features based on business requirements & presents to 2 internal stakeholders
- Leads a new program for exploring new ideas to increase innovation
- Publishes collaborated patent and holds 3 tech talks

Visa, Austin, TX — *Full-Stack SW Engineer*

DEC 2018 - AUG 2020

- Led 2 regional release & migrating 750K+ users, saving $500K+/year
- Architected full-stack solution for reCAPTCHA integration in 6 pages (2 SPAs & 5 APIs), remedying several security vulnerabilities

Intel, Folsom, CA — *Software Engineer Intern*

MAY 2017 - JAN 2018

- Fixed 2 high-priority parser issues, reducing build time by 15% (45m)
- Refactored a few thousand LOC to support concurrency

EDUCATION

University of Texas, Austin, TX — B.S. in *Software Engineering*

AUG 2014 - MAY 2018

PROJECTS

VIB3 — *Personal Project* (NPM TypeScript package)

Developed a package to abstract out hundreds of repeated LOC for three.js boilerplate code, responsiveness and split-view feature, etc.

Portfolio — *Personal Project* (Angular PWA)

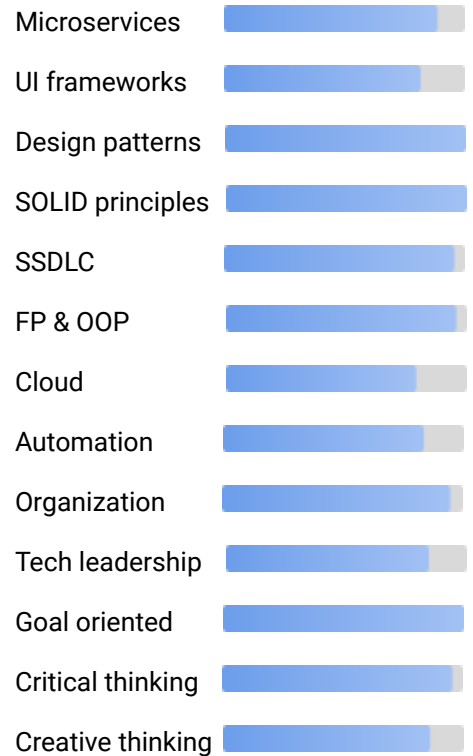Fixed lighthouse issues to get performance score of 98%

Regression Simulator — *Personal Project* (TensorFlow.js)

Developed an interactive app to simulate polynomial regressions

Face Blur — *Personal Project* (React, Express, PostgreSQL)

Reduced 68% (8.24s) of load time by lazy-loading routes, eliminating render blocking bundles in above-the-fold content, and minifying files

SKILLS

Microservices
UI frameworks
Design patterns
SOLID principles
SSDLC
FP & OOP
Cloud
Automation
Organization
Tech leadership
Goal oriented
Critical thinking
Creative thinking

AWARDS & HONORS

Visa Awards x6

Visa Recognitions x15

Intel Recognitions x3

UT Academic Merit Scholarship

Collin College Dean's List

Collin College President's List

Phi Theta Kappa member

LANGUAGES

Fluent in **English** and **Persian**