DAVID OWEN PAYNE

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EXPERIENCE

2018 – Present: Android Developer
PayneCo, *Lynchburg, Va*

    Languages/ Frameworks: Android, Java, ORMlite, Git, JSON
    Skillsets: Mobile application development, product roadmapping, task estimation

- Developed Flashcards Express application, targeting Android 8, compatible back to Android 4.0.3, with an ORMLite database backend and a persistant cache solution
- Introduced the LogTruck Java logging utility for Logcat, soon open sourced to Github

2015 – 2018: Software Engineer, New Developer Mentor, Scrummaster
IST Research, *Remote Employment & Fredericksburg, Va*

    Languages/ Frameworks: Git, PHP 5.6, MySQL, Android, Java, regular expressions, Kibana, Logstash, Elasticsearch, Docker, Docker Compose, AWS, Python, JSON, Javascript, HTML 5, CSS, Bash, YAML
    Skillsets: RESTful API design, remote employment, agile development, small team leadership

- Developed Android 5.0 permission handling starting cycle
- Built full-stack solution for web application's import/ export data management
- Extended PHP and Android (Java) CRUD APIs for multiple company backend and mobile applications
- Authored PHP-to-Elasticsearch procedurally generated Kibana data visualizations
- Led full-stack development of a password authorization anti-pattern system
- Implemented RESTful API services for multiple web, mobile applications
- Served intermittently in leadership roles as Team Scrummaster and 'Dev Mentor' to an onboarding new hire
- Introduced to Docker, Docker Compose, and containerized environments
- Open-Source contributor to the Auth Accounts API for Bitstheater PHP Framework

2014 – 2015: Android Developer
FitNet, *Blacksburg, Va*

    Languages/ Frameworks: Android, Java, Lua, Corona
    Skillsets: Android development, startup contracting

- Extended FitNet Android application's video playback functionality and design

2014 – 2015: Android Developer
Rackspace, Blacksburg, Va

    Languages/ Frameworks: Android, Java, Git
    Skillsets: Android development, corporate contracting

- Improved Rackspace Mobile, Android application for customer server data reporting

2013 – 2014: Android Developer
Atomic Axis / Enola Labs, Blacksburg, Va

    Languages/ Frameworks: Android, Java, Retrofit API, JSON, Git, Bitbucket
    Skillsets: Self-paced scheduled development, agile development cycle

- Tutored management on Git source control best practices and common usage patterns
- Improved API and UI for the Texas DPS Android app
- Prototyped a point-of-sale inventory barcode scanning Android app from start to finish
- Began development on GREX Railroad tie maintenance internal Android app

2011 - 2013 | Co-Founder, CEO
FreshAiR, Blacksburg, Va & Radford, Va

    Languages/ Frameworks: Android, Java, iOS, Objective-C, Javascript, PHP, CSS
    Skillsets: Executive leadership, product roadmapping, entrepreneurship

- Co-designed, built augmented reality applications for Android, iOS from ground up
- Aided in implementing corresponding backend server, API, web editor
- Co-founded Radford University's first start-up 'spin-off' LLC, first IP patent submission
- Managed all aspects of day-to-day company operations for over two years, including the software architecture roadmap, finances, sales, marketing, and personnel management

2008 - 2011 | Senior Programmer
GAMeS Lab, Radford, Va

    Languages/ Frameworks: Objective-C
    Skillsets: Small team leadership, product roadmapping

- Built award-winning educational iOS app 'Fraction Factory'
- Aided team in full development cycle of several other educational iOS applications

2008 - 2010 | Army Civilian Developer Intern
Dept. of Defense Altess PEO EIS, Radford, Va

    Languages/ Frameworks: PHP, Oracle PL/SQL, CSS, HTML, ColdFusion, Python, Svn
    Skillsets: Small team leadership, governmental leadership

- Obtained security clearance, interned in supervising developer role over team of 4-8 software contractors

- Furthered development of two multi-million dollar DoD intraweb applications that aggregate and classify government contract financials
- Built database, rudimentary web application for indexing workstation I.T. issues

SKILLS

- 'Current' security clearance status in regard to Personnel Security Investigation (P.S.I.)

Languages/ Frameworks, Prioritized by Proficiency:

- Android, Java, Git, PHP 5.6, MySQL, ORMlite, regular expressions, JSON, XML, CSS, Kibana, Logstash, Elasticsearch, Docker, Docker Compose, AWS, Python, HTML 5, CSS, Bash, C++, YAML, Lua, Corona, iOS, Objective-C, Javascript, Oracle PL/SQL, ColdFusion, Svn, Ada, Lisp, Scheme, and more

Software Engineering:

- Highly proficient in the agile development process, with strong experience in translating project requirements into actionable roadmaps consisting of accurately estimated, highly granular development tasks
- Adept at Git source control management, education, and best practices
- Experienced in debugging, writing and maintaining a low technical debt codebase
- Trained in C++ and many other languages, patterns, frameworks; making adaptive learning of new languages and paradigms a rapid, straightforward proposition

Management:

- Naturally fosters mentorship with others in organization that display areas of opportunity due to positive team leadership characteristics
- Multiple years of experience in managing teams of up to 20 employees, including hiring, career development, termination, with strong 'lead from the front' instincts
- Critical thinking, positive reinforcement, and transparent, empathy-based interactions define an experienced, positive management style
- Consummate professional, eye for profit-oriented goal development within both small teams and larger organizations