Joshua Fierstein

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OBJECTIVE:

Utilizing my strong technical background and extensive prior experience, I aim to implement and maintain robust cost-effective solutions and processes that guarantee both secure and sustained operational excellence.

EDUCATION:

Georgia Institute of Technology (Atlanta, GA)   2007-2012
- B.S. Computer Science (Co-op graduate)

TECHNICAL SKILLS:

- 12+ years as an enterprise level full-stack software engineer
- 5+ years experience working with cloud technologies (AWS, Azure, GCP)
- 5+ years devops experience (IaC, building/maintaining CI/CD pipelines, Docker, automated tests & managing deployments)
- Extensive database experience (Microsoft SQL Server, MongoDB, MySQL, DynamoDB, Oracle)
- Proficient with most modern programming languages (most notably Node.js, .NET, Java, Python, PHP)
- Source control (Git, TFS)
- Windows/Linux/MacOS, Excel/spreadsheet manipulation
- Performance optimization & load testing
- Shell scripting (bash, zsh)
- Cryptographic algorithms (RSA, ECC, SHA)
- Configuring network security rules, access control lists, DNS, SSH, VPN
- Compliance and regulatory knowledge (GDPR, BSA, SAR, SOX)
- Identity & Access Management (IAM), RSA SecurID, Oracle Identity Manager
- Strong problem-solving and analytical skills, excellent communication & teamwork abilities
- Management and leadership experience

EXPERIENCE:

Truist - Atlanta, GA   August 2024-Present
Cybersecurity Senior Engineer
Working closely with both internal and off-shore teams to handle organization wide identity and access management (IAM), ownership of change and approvals processes, technical procedure documentation, and audit controls.

BitPay - Alpharetta, GA   2021-2024 (3 years)
Senior Software Engineer
Small agile team working on a cryptocurrency payments platform. Responsible for architecting, implementing, and launching several integrations with key service providers. Collaborated and met regularly with product and compliance teams during projects.

Warner Bros. Discovery (Warner Media/AT&T) - Atlanta, GA   2016-2021 (5 years)
Export Software Developer – Global Media Supply Chain
Part of the Global Media Supply Chain. Architected, developed, and supported applications and features responsible for acquiring, organizing and pushing a large portion of content to the HBO Max platform. Also took on a leadership role in helping coordinate and manage a recently combined development team throughout a crucial push to meet deadlines critical for HBO Max's LatAm launch.

Tyler Technologies/EnerGov - Duluth, GA   2012-2016 (4 years)
Software Developer – Local Government Division
Full stack developer on a small agile team developing and maintaining a complex multi-tier application. Designed for local government agencies, the application was capable of classifying and breaking down maintenance costs, tracking asset locations through a GIS map, managing and routing work orders, planning, and scheduled maintenance.

Georgia Institute of Technology - Atlanta, GA   2011-2012 (1 year)
Web Developer, Database Administrator – Ivan Allen College Office of Admissions
Built and managed several websites and databases utilized by Georgia Tech students and faculty in the Ivan Allen College Office of Admissions.

Cox Communications - Dunwoody, GA   2009-2011 (2 years)
Wireless Product Development / Converged Services Intern – Georgia Tech Co-Op Program
Worked with a variety of mobile phone hardware and software systems including Android, iOS, and BREW devices. Integral part of several major development projects involving customer-facing mobile software and product development for the launch of Cox Mobile. Experienced working in a large corporate environment as well as communicating up ideas and concepts at the executive level.