Arvind Chandra

Senior Software Engineer | Full-Stack Developer | U.S. Citizen

arvchandra@gmail.com | **linkedin.com/in/arvchandra** | **(614) 477-8901**

SUMMARY

Senior Software Engineer with 8+ years of experience developing robust full-stack web applications using Python/Django and React. Passionate about cross-functional collaboration, translating business requirements into user-friendly features, analyzing data to drive insights, and delivering outstanding customer service through responsive incident resolution. Proven track record of success across fast-paced startups, digital journalism, and government consulting.

SKILLS

Languages: Python, Typescript, Javascript, jQuery, SQL, HTML, CSS, SCSS
Frameworks: Django, React, REST API, Postgres, MySQL, Git, Docker, Cypress, AWS (EC2, S3, Lambda)
Processes: CI/CD (GitHub Actions), Agile/Scrum Development, Database Administration, Test Automation, ETL

EXPERIENCE

Sabbatical - an intentional pause to code, create, and connect   June 2024 - Current

- A deliberate break to recharge, explore my bucket-list destinations, and spend quality time with family.
- Enhanced technical expertise through advanced coursework in Python, Django, and React.
- Explored creative projects in music production and video editing.

Hone   December 2021 - June 2024
Senior Software Engineer   Los Angeles, CA - Remote

- Delivered critical features for a large-scale LMS platform using Django, React, TypeScript, and Postgres.
- Led the rebuild of a complex Customer Survey application – designed the database schema, Django REST API, React/Typescript components, and unit/E2E tests for backend and frontend.
- Built interactive React dashboards to visualize learner progress and ROI for enterprise clients.
- Retained a $200,000/year client by resolving high-priority data integrity issues using Django ORM and raw SQL.
- Reviewed user feedback in order to identify and deliver design improvements and new features.

Industry Dive   March 2020 - July 2021
Senior Software Engineer   Washington, D.C.

- Developed public-facing digital news websites using Django, React, Typescript, and MySQL.
- Upgraded the Press Releases product from HTML to React/Typescript – led to 300% increase in product revenue.
- Implemented user-requested features including bulk order processing and Stripe payment integration.
- Improved team debugging workflows by enabling IDE-based debugging for Dockerized applications.
- Designed a message queuing system to efficiently process and censor user-submitted comments.

The Motley Fool (Contract)   May 2019 - March 2020
Senior Software Engineer / Data Engineer   Alexandria, VA

- Built a Django-based data-visualization dashboard to support internal marketing analytics and reporting.
- Enhanced SEO data insight with automated scraping of Google search results using AWS Lambda.

Government Executive Media Group - Atlantic Media   **September 2017 - May 2019**

Senior Software Engineer   Washington, D.C.

- Developed Django-based digital news websites and a customized Django Admin CMS.
- Led the rollout of Agile/Scrum processes to boost consistent delivery of new features.
- Implemented an HTML5/CSS video ad on the landing page - generated $10,000 in weekly ad sales revenue.
- Mentored junior engineers and assisted with hiring efforts to strengthen the engineering team.

U.S. News & World Report   **February 2014 - September 2017**

Senior Software Engineer / Tech Lead   Washington, D.C.

- Led CMS development for high-traffic rankings platforms Cars, Travel, and Real Estate using Django and PostgreSQL.
- Built and maintained an efficient Python ETL pipeline processing millions of vehicle listings — generated $400K+ in annual revenue; built custom dashboards and email alerts to monitor the ETL process.
- Created high-performance Django REST APIs serving cached search results to the frontend.
- Communicated with editors to identify inefficient processes - led to automating web scraping workflows that reduced data prep time for our editors from 5 days to 2 hours.

Deloitte   **February 2009 - December 2013**

Technology Consultant / Tech Lead   Arlington, VA

- Developed a secure .NET web application to manage a $6 billion federal budget for the U.S. Department of State.
- Built 300+ automated unit tests to ensure budget workflow reliability under strict regulatory standards.
- Lowered annual software licensing costs by $15,000 through data and usage analysis.

EDUCATION

University of Michigan - Ann Arbor, MI

Bachelor of Science, Computer Science Engineering

WORK AUTHORIZATION

U.S. Citizen