Ahmer Malik
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Houston, TX
github.com/ahmermalik
ahmermalik.com

Technical Skills

Experienced: JavaScript, React, AWSNode.js, Express, PostgreSQL, MongoDB, HTML/CSS, Dynamo DB, Lambda
Familiar: Solidity, Python, Ganache, Material Design, IPFS, ElasticSearch, AWS, Socket.IO, Vue.js, Web3.js

Experience   Mar 2019 – Present

Cox Automotive Inc., Software Engineer I

- Participate in software development that focuses on "how many sprints until value?"
- Develop API analytics dashboard frontend and utilize micro-services such as AWS Lambda to obtain CloudWatch metrics and build beautiful scatter and line charts to deliver amazing user experience
- Analyze incoming backend data to check for redundancies on users, analytics, and make adjustments through data sanitization
- Write frontend unit tests that focus on code structure and behavior
- Monitor code builds logs on Development, QA, and Staging environment, fix any breaks
- Build Node.js scripts to ping AWS Lambdas to produce CloudWatch logs for testing
- Be a liaison for frontend technologies for junior members of the team and perform code reviews
- Participate in company wide Hackathon
  - Carlexalite: utilizes AWS Lex to book car pick-up and maintenance.
- *React, Time series Charts, Amazon Web Services, Material-UI, Jest, Enzyme*

Contractor, Feb 2018 – Jan 2019

Anthem Vault, Software Engineer

- Developed and launched Ethereum ERC20 token address tracker app on IPFS
- Implemented web3.js library in order to communicate with and update supply chain smart contracts utilizing
- Tested smart contract functionality on local Ganache blockchain instance
- Advised UX/UI development for mobile app
- Implemented UI design requirements for mobile and web app
- *React, Node.js, Solidity, IPFS, Web3.js, Material-UI*

E9 Labs, Software Engineer

- Created a full stack web app utilizing Twilio API to reduce customer response time by 75% and contact rate by 10x
- Implemented regex search filter and mobile responsive design
- Conducted QA testing on various client projects to ensure quality prior to go-live
- *React, Node.js, MongoDB, Gatsby.js, Socket.IO, Material-UI*

shishkabobkaty.com, Software Engineer

- Launched initial web presence via fully responsive mobile/desktop web app
- Implemented Favor delivery and Google Analytics

- *HTML5, CSS3, JavaScript, Bootstrap, SEO, OpenGraph tags*

Emerson Electric (NYSE: EMR) Financial Analyst FP&A   Jun 2015 - Sep 2017
- Introduced a 10% reduction (6 hours) in month end close process via excel automation
- Captured over $75,000 overpaid costs within first six months in the role by establishing productivity & accuracy improving processes, capturing savings of over $1mm+ over 10 years
- Implemented innovative financial reports to gain financial insights on margins, aging A/R, A/P
- Worked cross-functionally to manage bottlenecks, balance business needs, and serve as a knowledgeable resource on functionality of various Oracle modules and processes within the software
- *Oracle ERP, Hyperion Financial Management, Excel, PowerPoint*

Independent Projects
Personal Website (ahmermalik.com)
- Created modular components to represent different sections
- Implemented CSS naming convention to reduce overlapping
- React, JavaScript, CSS, Gatsby, HTML, Netlify

Nano Balance Tracker
- Interfaced with Nanode API to generate a dashboard that tracks balances of public wallet addresses to allow users to monitor their financial assets
- React, Node.js, PostgreSQL, Material-UI

Cryptotistics (cryptotistics.com)
- Interfaced with Bittrex API to generate a dashboard that displays current market information for a basket of crypto-currencies
- Google OAuth Login to select custom portfolio
- Tornado, Python, Bootstrap, PostgreSQL, Jinja2

NON-PROFIT PROJECTS
Houston Helps   **May 2017**
- Led a team to build a web app for the City of Houston non-profit Case Managers to help the refugee and homeless population find appliances, clothing, books, and various charitable items

IBM Watson Flood Alert   **Mar 2017**
- Used IBM Watson's machine learning API to pass positive and negative images of floods in order to develop alerts of possible floods in the area for any images of current weather conditions passed though
  - o Won 1st place in Houston's NASA Space Challenge Hackathon

Education

ConsenSys Academy Blockchain Bootcamp

Digital Crafts Coding Bootcamp

BBA at University of Houston, Finance with Accounting, 3.7 GPA