Sunit Kulkarni

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US Citizen (Inactive DoD Secret Clearance)
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PURPOSE

Technology entrepreneur looking to augment current experience in software development, design, technical sales, marketing, consulting, and related areas. Building solutions to impact customer lives is a passion. Available Immediately.

EDUCATION

DigitalCrafts   **Aug 2017 – Feb 2018**
- Full stack development boot camp with MERN Stack

Georgia Institute of Technology   **Aug 2012 – May 2017**
- B.S in Mechanical Engineering
- B.S in Electrical Engineering
- GPA: 3.24/4.00 | Dean's List

RESEARCH AND WORK EXPERIENCE

AgileKnox Inc | Founder and President   **Mar 2018 – Present**
- Consulting with individuals regarding personal cybersecurity and privacy best practices
- Developed React Native App for startup helping Americans with disabilities

Mandala Soundworks | Co-Founder and COO   **May 2017 – Present**
- Building a solution for guitar players to record tablature in real time from jam sessions
- Porting local Java desktop app to cloud app on AWS

VeriSolutions | IT Director   **Mar 2017 – Sep 2017**
- Developed internal IT policy and controls to better secure company digital assets
- Fulfilled order shipments for restaurant customers with less than one-day notice
- Compiled prototypes with InVision App of upcoming restaurant software that automates internal customer checklists

Harris Corporation | Intern   **May 2016 – Jul 2016**
- Debugged a Creo JavaScript applet for outputting a mass properties BOM Excel sheet from an assembly file
- Tested feasibility of replacing a potentiometer with a flex sensor for redundant measurement of reflector deployment
- Conducted a study of antenna reflector concepts that combine a mesh surface with an inflatable lens volume
- Recompiled outgassing data for over 100 space grade materials for a European aerospace customer

GT Space Systems Design Laboratory | Researcher   **Aug 2013 – Dec 2016**
- Assembled hardware for satellite, Prox-1, that will demonstrate automated trajectory control for on-orbit inspection of Planetary Society's LightSail-2

ACCOMPLISHMENTS

Personal Portfolio   **Apr 2018 – Present**
- Developing and updating serverless personal portfolio with React: portfolio.sunitkulkarni.com
- Automated testing with Enzyme and Jest
- Utilized AWS Certificate Manager, CloudFront, CodeBuild, CodePipeline, Lambda, S3, SNS, and Route53

Encrypted Email Marketing App   **Jan 2018 – Feb 2018**
- Developed an email campaign app with OpenPGP JavaScript encryption: github.com/Sunit-Kulkarni/EmailyFork
- Presented technical talk at ATL JavaScript Meetup: youtube.com/watch?v=oBCxCIdWvYY
- Utilized MERN stack with Redux, Passport for Authentication, as well as SendGrid, Stripe, and Google APIs

Veggie Voyagers App   **Jan 2018 – Feb 2018**
- Developed an app for finding healthy food options on long road trips: github.com/Sunit-Kulkarni/healthy-road-trip
- Utilized MERN stack with Passport for Authentication and Google Maps API

Startup Lab App | Project Lead   **Aug 2015 – Dec 2015**
- Performed customer discovery with over 100 users for a solution that simplifies international group travel expenses
- Designed an MVP simulation of travel expense app with PowerPoint

GT Solar Racing | Mechanical and Electrical Team Liaison   **Mar 2014 – Dec 2014**
- Implemented and tested Battery Management System (BMS) circuitry for solar vehicle, SR-2

University Student Launch Initiative | Science Team Member   **Jan 2013 – Aug 2013**
- Designed a payload to damp slosh in microgravity for NASA sounding rocket competition
- Participated in NASA's Reduced Gravity Education Flight Program (RGEFP) with modified sounding rocket payload

LEADERSHIP AND ACTIVITIES

GT Residence Hall Association | Meetings and Finance Coordinator   **May 2014 – Dec 2014**
- Managed an $8,000 budget for activities and events to enrich on campus student living

MIT Zero Robotics ISS Programming Challenge | Student Mentor   **Jun 2014 – Jul 2014**
- Trained middle school students for robotics competition in space to spark interest in STEM fields

Boy Scouts of America | Eagle Scout   **Apr 2005 – Aug 2012**
- Planned and led a project to construct four shelving units for storing a temple's festival decorations

Elite Strings Youth Orchestra | Violinist   **Sept 2009 – Jun 2011**
- Performed in Carnegie Hall, NYC

SKILLS

Programming	Assembly, AWS, Bootstrap, C/C++, CSS, Docker, Express, Heroku, HTML, JavaScript, Java, Matlab, Materialize, MongoDB, Node, OpenPGP, Passport, Python, PostgreSQL, React, Redux, Swift, VHDL
Certifications	AWS Certified Cloud Practitioner, AWS Certified Solutions Architect (In Progress)
Software	AutoCAD, ADS, Cadence Virtuoso, Inventor, LabVIEW, LTspice, Mathcad, Momentum, Multisim, NX, PADS, Photoshop, Quartus, SolidWorks
Languages	Basic German, Basic Hindi, Basic Russian, Basic Spanish