Summit Singh Thakur

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Drexel University	Philadelphia, PA
Bachelor of Science in Computer Science	Sep 2016 - Jun 2021

Concentrations: Software Engineering (SE), Artificial Intelligence (AI) & Human-Computer Interaction (HCI)

SKILLS AND CERTIFICATIONS

Programming Languages: C, C++, Java, Python, PHP, JavaScript, Bash; *Mobile:* Android, iOS, React Native, Firebase
Frameworks: React, Node.js, Spring Boot, Bootstrap, jQuery, PhoneGap, WordPress, Joomla, Drupal
Technologies: SQL, Git, NGINX, Apache, Ant, Maven, Jenkins, Docker, Kubernetes, Helm, Terraform, Shepherd, Wowza, Nimble
Cloud Services: AWS, Google Cloud, Azure, Oracle Cloud, DigitalOcean, Linode, Scaleway
Tools: Android Studio, PyCharm, IntelliJ, VS Code, Airtable; *Design:* Photoshop, Illustrator, Sketch, Figma, CorelDRAW, Canva
Soft Skills: Strong Presentation, Problem-solving, Data Visualization, Data Analytics, Team Player, Critical Thinking, Active Listening, Goal Oriented, Willingness to Learn, Written Communication
Certifications:
- Blockchain Basics, LinkedIn Learning, Oct 2017
- Introduction to Continuous Integration, Udemy, Oct 2017
- Learning Docker, LinkedIn Learning, Oct 2017
- Alexa Student Developer Diploma, Amazon, Aug 2017

PROFESSIONAL EXPERIENCE

Oracle America, Inc.	West Conshohocken, PA
Cloud Engineer	Jul 2021 – Present

- Templated Oracle Cloud Infrastructure (OCI) as a code using Terraform to build staging and production environments
- Created multiple Terraform modules to manage configurations, applications, services for OCI
- Created & managed Helm Charts, Oracle Kubernetes Engine (OKE) deployment, and configuration files
- Developed Bash/Python scripts and YAML templates to deploy applications on the OKE cluster via Shepherd automation
- Responsible for building out and improving the reliability and performance of applications deployed on OCI
- Experienced with entire software development life cycle, architecting scalable platforms, object-oriented programming, database design, cloud infrastructure, and agile methodologies

TruckBux, Inc.	Philadelphia, PA
Co-Founder, CTO	Jan 2018 – Jul 2021

- Food Trucks online ordering startup (pickup/delivery), Ghost Kitchens, four years old, raised $2M
- Oversaw the strategic management to provide streamlined operations in Philadelphia and Austin for a better company culture
- Lead the tech team of 12 developers to develop three products (User App, Vendor App, Internal Admin Panel) from scratch in Java (Spring), React, React Native, Python, Bash
- Developed custom dashboards/SQL queries in Metabase; Led the Data Science team to develop Data Analytics for operations
- Partnered with multiple logistics companies to integrate delivery services to increase vendor sales during COVID-19 by 120%
- Transitioned the product from a Monolith environment to Micro-services for rapid scaling and CI/CD
- Implemented AWS Cloud Services, including EC2, IAM, Lambda, S3, RDS, EKS (Fargate)
- Established a multi-disciplined agile tech team and helped it grow from 2 to 12 developers

Oracle America, Inc.	West Conshohocken, PA
Software Engineer Intern (Backend/DevOps/Cloud)	Sep 2017 – Mar 2020

- Fixed Backend and Frontend bugs in Java (Spring framework) and JavaScript (Node.js)
- Developed scripts (Bash/Python) for the build, deployment, maintenance, and related tasks on Jenkins and Docker
- Created fully automated CI build and deployment infrastructure and processes for Oracle Primavera Enterprise Software
- Developed Docker images to support Development and Testing Teams and their pipelines

AWARDS AND ACTIVITIES

- Computer Science Senior Design Competition, Awarded "Second Place" under Corporate Category, Drexel University, Jun 2021
- Dean's List, Drexel University, Spring 2016, Summer 2018, Spring 2019
- Teaching Assistant (Advanced CS Courses), Drexel University, Apr 2020 - Sep 2020
- "Best Voice User Experience Using Amazon Alexa" Award – Sponsored by AWS, Princeton University Hackathon, Apr 2017
- "Best Use of GIPHY API" Award – Sponsored by GIPHY, University of Pennsylvania Hackathon, Sep 2017
- Membership Committee, Official Undergraduate Research Leader, Drexel University, Sep 2017 - Dec 2019
- STAR Scholar, Undergraduate Summer Research Program, Drexel University, Jun 2017 - Aug 2017
- Student-Teacher, STEM DragonsTeach, Drexel University, Apr 2017 - Jun 2017
- Volunteer, MANNA, Philadelphia, PA, Jan 2017 - Feb 2017
- Certificate of Merit in Career Management & Professional Development, Drexel University, Mar 2017
- A. J. Drexel Scholarship, Drexel University, Sep 2016
- Gold & Silver Medal, National Cyber Olympiad, Science Olympiad Foundation, Jan 2015
- Gold Medal, Computer Skills Olympiad, University of New South Wales, Jan 2011