LUKAS KOTRC

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FULL STACK SOFTWARE ENGINEER

Specializes in technology infrastructure enhancements, team leadership, and technological innovation

- ✓ Expert Full Stack Software Engineer and Developer with background in Mechanical Engineering, *designing innovative strategies and business* plans a broad spectrum of highly complex information systems, modern technical tools, and sophisticated networks.

- ✓ *Empowers and mentors talented teams* by promoting organizational-wide productivity and a positive work environment. Encourages open communications and inspires new ideas for advancing key initiatives.

- ✓ *Loyal Professional* with two employers across the last 12 years, adaptable professional seeking to utilize software engineering and development passion to increase profitability for a future company.

- ✓ *Serves as thought leader and visionary* to identify business needs, assess challenges, and curate enterprise-wide technical solutions that mitigate risks, optimize performances, and improve service delivery.

- ✓ Performs well in high-pressure, fast-paced situations with *patience, calm, and consummate professionalism*.

- ✓ *Interpersonal and collaborate communicator* who translates complex concepts for non-technical audiences.

CORE QUALIFICATIONS

Disaster Recovery | Team Leadership & Guidance | Solutions Engineering | Project Management
Risk Mitigation | Automation Methodologies | Product Development Analysis | Cost Controls & Efficiency
Coding | M&A Integration | Full Stack Application | Customer Satisfaction | Strategic Planning

PROFESSIONAL EXPERIENCE

PROGRAMMER (STUDENT)   02/2020 to Present

Project Shift **|** Durham, North Carolina
Project Shift is a competitive Full Stack Software Engineering program that accepts only 30% of applicants. The program combines Computer Science principles, industry framework, coding projects, and industry mentorship.

- **Responsible for managing branch with up to 25 technicians, predominantly focused on satellite installations.**
- **750+ hours learning** and creating Full Stack applications full-time immersive certificate program, graduating April of 2020.
- **Built over 20 web projects,** including a week-long solo Full Stack application, **leading a team of 9** other Software Engineers (fellow classmates), implemented Agile development processes to complete a Full Stack application throughout the process.
- **Expert within root technologies and Computer Science principles** with understanding of how frameworks work Learned and implemented new technologies for class projects; AWS and socket.io, etc.
- Implement underlying foundation behind full-stack frameworks (i.e. MVC data flow, Backbone, React/Redux, Express.js).
- **Monitor and assess legacy IT infrastructure** to measure performance and recommend capital investment projects/action plans that enhance, upgrade, or replace components/assets post maturity date.
- **Utilized source control and collaborated daily** with peers, instructors, and classmates on lessons and Agile projects.
- **Developed optimized front-end applications by handling MVC data flow**. Utilized engineered Back End applications and RESTful APIs using Node with Express. Created and accomplished a mentoring goal with an established software engineer.

BRANCH MANAGER   2012 to 2019 *(7 Years)*

Barfoot Communication/ Direct TV/ Viasat Installation **|** Raleigh/Greensboro, North Carolina
Began as technician and promoted with increased responsibilities from Lead Technician to Branch Manager of Raleigh

- Oversaw day-to-day operation of the branch. **Grew from 2014 with 8 technicians to team of 26 technicians by 2019.**
- **Streamlining and creating training process** that led to more efficient operation and triple profit increase of that branch.

- **Consistently ranked in top 3 performing branches in the company.**
- **Performed root cause analysis to identify and remedy vulnerabilities** and defects while upholding internal policies & procedures, industry standards, technical protocols, and external compliance requirements.
- **Served as change agent for new product development initiatives** and technology adoption objectives for cloud computing, operations, and delivery business units. Deployed compute, network, and storage resources for **IaaS services.**
- **IT Focused Manager able to develop infrastructure API** that streamlined technical processes via workflow automation.
- **Supervised the DevOps team** and inspired value-added products that engaged and satisfied internal customers.
- **Promoted through vertical roles with growing levels of responsibility** as a result of superior performance, natural leadership ability, and commitment to the corporation's long and short-term goals.

Early Experience:

REGIONAL TRAINING MANAGER | ADT SECURITY DEALER   2008 to 2012 *(4 Years)*
Secure Watch **|** East Coast Manager
- Responsible for training technician at newly open branches. Managed the training and launching in Kentucky, West Virginia, North Carolina, South Carolina, Georgia, Alabama, & Florida.
- Assisted the opening, training, and mentorship of over 80 technicians at 20+ branches located across the east coast.

EDUCATION & CREDENTIALS

Master's Degree (MBA) in Mechanical Engineering | VSB College
Specialization in QA and ISO, Czech Republic

Certified in Full Stack Website Development | February 2020 to April 2020
Project Shift Software Engineering Fellowship, Durham, North Carolina

TECHNICAL PROFICIENCIES

Front End	React/Redux, Backbone, JQuery, Bootstrap, HTML/CSS
Back End	Node/Express, SQL, Passport, Mongo, TDD Mocha/Chai
Training In	Graf, Server Hardware/Software (HP, Dell, IBM, SUN), Storage and Backup services - SAN/NAS (EqualLogic, NetApp, EMC, Hitachi), Cloud technologies (IaaS, PaaS, SaaS), Clustering technologies, Business Continuity and Disaster Recovery, IDS and security

References Available Upon Request