LUKAS KOTRC

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Resourceful Full Stack Software Engineer and Software Developer with an academic background in Mechanical Engineering; a certified Full Stack Website Developer with practice aiding multi-state operations. Loyal professional with two employers spanning the last 12 years; adaptable and flexible seeking to utilize a passion for software engineering and development to increase quality, efficiencies and bottom-line profitability. Excellent written, verbal and interpersonal communication skills. *Key Profile Highlights:*

- ✓ Leverage emerging tools and methodologies to manage creative solutions to meet both company and client needs.
- ✓ Design, develop and implement novel user experiences aligned with policies, requirements, and IT standards.
- ✓ Owns skills that ignite collaborative development within strategic informatics and IT frameworks.
- ✓ Empower and mentor peers and teams by encouraging a positive work environment; blended real-world and academic achievements that include success in quality application creation in support of managing end-to-end technology projects.

TECHNICAL SKILLS

React/Redux | MongoDB | Mongoose | SQL | Express | GraphQL | Node.js | Backbone | JQuery | HTML/CSS | Bootstrap | TDD Mocha/Chai

PROFESSIONAL EXPERIENCE

PROGRAMMER (STUDENT) | *Project Shift | Durham, North Carolina*   *02/2020 to Present*

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.

- 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.
- Develop skills within root technologies and Computer Science principles with a keen 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).
- Utilize source control and collaborated daily with peers, instructors, and classmates on lessons and Agile projects.
- Develop optimized front-end applications by handling MVC data flow. Utilize engineered Back End applications and RESTful APIs using Node with Express to accomplish mentorship goals with an established, seasoned software engineer.

BRANCH MANAGER | *Barfoot Communication/ Direct TV/ Viasat Installation | Raleigh/Greensboro, North Carolina*   *2012 to 2019*

Hired as a technician and promoted with increased responsibilities from Lead Technician to Branch Manager of Raleigh location. Galvanized and expanded an 8-technician team to a team of 26, 2014 to 2019. Consistently ranked the top 3 branches in the company.

- Created and streamlined a training process that led to more efficient operations and a triple profit increase of the Raleigh branch.
- Performed root cause analysis to identify and remedy vulnerabilities and defects while upholding internal policies & procedures, industry standards, technical protocols, and external compliance requirements.
- 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 | *Secure Watch | East Coast Manager*   *2008 to 2012*

- Responsible for training technicians 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 & CERTIFICATION

Bachelor's Degree, Mechanical Engineering, Specialization in QA and ISO | VSB College

Certified in Full Stack Website Development | Project Shift Software Engineering Fellowship, 02/2020 to 04/2020

CORE CONCEPTS

Team Leadership & Guidance | Solutions Engineering | Project Management | Strategic Planning | Business Continuity
Risk Mitigation | Cost Controls & Efficiency | Coding | Full Stack Application | Customer Satisfaction/Retention
Quality Assurance | User Interface & UX Components | Server, Network and Hosting Environments | Product Development
End-User Issue Resolution | Trend & Emerging Technologies | High Learnability & Eagerness to Learn | Practice Modernization