Kartikeya Shukla

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SUMMARY

- Master's graduate with a strong background in Machine learning, Web Development and Algorithms.
- Skilled programmer with 3 years of professional experience in back-end and full-stack web development.

SKILLS SUMMARY

Languages/Platforms	Java, C, C#, Python, R, Processing, Racket, Android, Firebase
Web	JavaScript, JQuery, AngularJS, React.js, Node.js, d3.js, HTML, CSS, SASS
Databases	Oracle 10g, MySQL, MongoDB

WORK EXPERIENCE

LaunchByte.io, Boston, MA   Apr. 2017 – Present
Full Stack Engineer

- Designing the company's Incubator web platform by implementing custom business logic and external APIs such as Google Calendar, Asana, Slack etc.
- Developing and maintaining all of LaunchByte's websites, including the official website, product pages, blog and intranet.
- Collaborated with clients to help design wireframes, technical designs for web/mobile apps.
- Supervised and mentored a Software Engineering intern. Responsible for assigning tasks, performing code reviews etc.

NVIDIA, Santa Clara, CA   Jan. 2016 – Aug. 2016
Software Engineering Intern

- Developed a text rendering utility in OpenGL ES which is now being used as the standard solution in the company's testing application.
- Partnered with the Automotive Embedded Graphics team, and contributed to OpenGL ES, EGL, Linux implementations and bug fixes.
- Integrated ccache to code base to reduce build times by 30%, for the Embedded-linux workforce.

Accenture, Bangalore, India   July 2011 – May 2014
Software Engineering Analyst – Promoted from Associate Software Engineer

- Proposed and designed major process improvement initiatives for client-specific scheduled activities, by developing workflows in PPM and PL/SQL, which reduced effort hours by 85%.
- Formulated a process to migrate client project planning data and spearheaded the migration to production without any defects for 15 clients.
- Developed an Excel macro utility using VB.NET which reduced time, by 90%, for performing pre-migration activities.

EDUCATION

Northeastern University, Boston, MA   Sept. 2014 – Dec. 2016
Master of Science in Computer Science, GPA 3.6/4.0

Jaypee University of Engineering & Technology, India   July 2007 – June 2011
Bachelor of Technology in Computer Science Engineering

PROJECTS

Machine Learning – Java   bit.ly/MLAlgos

- Built an email spam classifier by implementing various machine learning algorithms like Decision trees, Linear and Logistic Regression, KNN and Active learning.
- Implemented an Image Recognition system using HAAR feature extraction, ECOC algorithm coupled with SMO and Adaptive Boosting techniques. Achieved 95% accuracy.
- Developed three-layered Neural Network to solve Auto Encoder-Decoder problem.

Connexion - MEAN Stack   bit.ly/ConnexionApp

- Developed a social web application to help people collaborate, share recommendations and search for events and groups.
- Designed the architecture and implemented the server-side components with Node.js & MongoDB using Mongoosejs.
- Developed the front-end using AngularJS, Bootstrap and integrated with third party APIs incl. Twitter, Flickr, Google Maps.

Computer Systems – C   bit.ly/fileSystems

- Implemented a filesystem, a simple derivative of the Unix FFS file system using the FUSE toolkit in Linux, with read/write command-line capabilities to interact with the kernel.

AWARDS and RECOGNITIONS

- Recipient of the "Accenture Celebrates Excellence" award for contribution to 'Productivity improvement through automation'.