

BILASH SAHA

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Current location is in GA, open to relocating. Available for an interview with 2 days prior notice.

Work Authorization: OPT EAD (Approved NIW I-140)

[LinkedIn](#) | [GitHub](#) | [Stack Overflow](#) | [Google Scholar](#)

SUMMARY

I am a seasoned full-stack developer with over a decade of experience in designing and developing web technologies and cloud platforms. I am skilled at using tools for project management, continuous integration, and version control to manage the software development life cycle. I follow software design patterns, especially the MVC, and agile methodologies such as Kanban and Scrum. My skills also include developing hybrid and native mobile apps, relational and NoSQL database management, background processing, full-text search and real-time web applications. My focus is on delivering high-quality web and mobile applications and RESTful APIs.

AREAS OF STRENGTH

Ruby, Java (Spring), Python, Ruby on Rails, Sinatra, PostgreSQL, MySQL, MongoDB, Redis, Oracle, JavaScript, ReactJS, AngularJS, jQuery, Vue.js, Ember.js, Ajax, Bootstrap, HTML5, CSS, JSON, ERB, HAML, Coffeescript, Typescript, ReactNative, Ionic, Capistrano, Docker, Kubernetes, AWS (EC2, S3, SES, Lambda, Autoscaling, SNS, ElastiCache), Heroku, RSpec, Cucumber, Watir, Capybara, Selenium, FactoryBot, PhantomJS, Apache, Nginx, Passenger, Unicorn, Puma, Thin, Tomcat, JBoss, Git, SVN, Github, Gitlab, Travis CI, Codeship CI, Jira, Trello, Pivotal Tracker, Postman, Webhook, Elasticsearch, Solr, Algolia, Sidekiq, Resque, Cron, Delayed Job.

PROFESSIONAL EXPERIENCE

Full Stack Web & Mobile Developer @ [TherapyMate LLC](#), Utah, USA

January 2017 to May 2022(Remote) & May 2023 to Present (From USA) Tech Stack: Ruby, Rails, React, ReactNative, Aws, PostgreSQL, Docker

- Pioneered the idea and development of patient portal and video call-based telehealth features, empowering over 4,500 mental health practices and patients across the United States with smart, scalable, and secure practice management solutions.
- Engineered REST APIs and developed ReactNative mobile application to streamline clinician access and enhance availability.
- Used Agile, Scrum, and Kanban methodologies to enhance collaboration, development processes, and continuous improvement.
- Led and collaborated effectively across diverse teams to design, develop, integrate and implement solutions.
- Led the migration from Ember.js to React.js, improving user experience and platform scalability.

Co-Founder and Development Team Lead @ [RightCodes Solution](#), Dhaka, Bangladesh

(January 2022 to March 2023) Tech Stack: Ruby, Rails, React, ReactNative, Aws, Docker, Kubernetes, Python

- Led team and mentored developers on modern web technologies.
- Designed and developed web apps using Rails and React, and hybrid mobile apps using ReactNative and Node.js.
- Ensured best practices through code reviews, optimized and simplified relational and NoSQL database designs.
- Managed tasks using task management tools, employing Agile, Scrum, and Kanban methodologies.
- Managed clients and deadlines effectively while analyzing requirements, designing software, and assessing risks.
- Designed and deployed automated CI/CD pipelines, integrated and managed various cloud servers and services.

Senior Software Developer @ [PopcornLive\(Chorki\)](#), Dhaka, Bangladesh

(December 2014 to May 2017) Tech Stack: Ruby, Rails, Aws

- Initiated and led the meteoric rise of the first video streaming platform in Bangladesh.
- Used TDD and BDD techniques to create reliable bugfree features.
- Developed Mobile application using native Android and iOS development.
- Worked across disciplines to close the gap between product specifications and actual implementation.
- Strategically configured servers and implemented cache mechanisms to ensure a seamless and lightning-fast streaming experience while accommodating a huge number of concurrent user requests.
- Adopted state-of-the-art technologies on a consistent basis to keep the platform at the forefront of its field.

Senior Software Engineer @ [Pazienti.org.s.r.l.](#), Milan, Italy

March 2012 to September 2013 Tech Stack: Ruby, Rails, Aws, Php, Python

- Used Ruby on Rails, PHP to lead popular healthcare web and mobile applications.
- Elevated performance with load balancers, Varnish cache, and meticulous code optimization.
- Engineered resilient medical content and Q&A platforms.
- Ensured exceptional user experiences in the healthcare tech domain.
- Built Secure RESTful APIs to streamline the distribution of healthcare data.

Software Engineer @ [Domain Technologies Ltd](#), Dhaka, Bangladesh

September 2008 to November 2014 Tech Stack: J2EE, Spring, SEAM, Jboss, Tomcat, JPA, Hibernate, Maven, Oracle

- Collaborated with clients using the J2EE Spring and seam framework to develop interactive web applications.
- Designed and developed a wide range of applications, including Foreign Aid management systems, inventory management, and vehicle tracking management for Bangladesh Government Planning Ministry.
- Collaborated with the development and R&D team throughout the project lifecycle to deliver high-quality software on time.

EDUCATION

Master of Science in Information Technology, Kennesaw State University, GA(June 2022 – July 2023) CGPA: 4.00

Bachelor of Science in Computer Science & Engineering, Chittagong University of Engineering & Technology(CUET), Bangladesh (April 2004 – August 2008) CGPA: 3.53