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SOLVING TODAY AND TOMORROW'S CHALLENGES

AGENDA

Schedule

TIME	OR TAMBO	KING SHAKA	CAPE TOWN	AUDITORIUM	MARCO POLO
08h00-09h00	REGISTRATION				
09h00-10h00	WELCOME & KEYNOTE: **Software development is not about software** - Marco Heimeshoff				
10h00-10h30	MOVEMENT, NETWORKING, & SNACKS IN SERENGETI				
10h30-11h15	Melissa Landsberg: **A junior's guide to full stack**	Rouan Wilsenach: **The Curious Case of the Production Incident**	Tim Lewis: **JAMStack aka Serverless**	Gail Shaw: **Something, something, Data Science**	Peter John Welcome: **Kotlin for all the Droids**
11h15-11h25	MOVEMENT				
11:25-12h10	Terence Kruger: **Adding graphs to your toolbox**	**LIGHTNING TALKS** • *The Curious Case of Monorepos by Andrew Bestbier* • *Noobs Journey to Pi by Arohan Naidoo* • *Habit Driven Design by Nico Botha*	Amy Codes: **Kubernetes Inside and Out**	Michael Johnson: **You, your database and Continuous Delivery**	Rebecca Franks: **Android Architecture Components: A testable approach to Android Development**
12h10-13h00	MOVEMENT & LUNCH IN SERENGETI				
13h00-13h45	Griffiths Sibeko: **A .net standard future for everyone**	Peter Wiles: **The Courage to be a Professional Software Developer**	Willy-Peter Schaub: **How we moved 65,000 Microsofties to DevOps with Visual Studio Team Services**	Robert Bravery: **Bots, Artificial Intelligence and Cognitive learning**	Mohamed Saif: **Continuously build, test, release, and monitor apps for every platform**
13h45-13h55	MOVEMENT				
13h55-14h40	Kenneth Kalmer: **Reframing your next Single Page App**	Daniel Irvine: **Secrets of successful mentoring**	Chris Tite: **Mining your log files made simple - A Unified Logging Solution**	Knowledge Chikuse: **Blockchain is using enough juice to power Joburg**	**LIGHTNING TALKS** • *Create a worthwhile internship programme by André Odendaal* • *How and why to tell strangers on the Internet about stuff you know by Riaan Nel* • *Breaking into a wireless network with Kali Linux by Gerard de Jong*
14h40-14h50	MOVEMENT				
14h50-15h35	Christian Nwamba: **Building Offline Web Apps for the Next Billion Users**	Brendon Page: **Build the Roof First**	Ryan Kotzen with Jake Helme: **Project Kerbini - Now with added Explosions**	Rishal Hurbans: **Neural Networks: A Primer**	Marco Slaviero: **Fighting the Previous War (aka: Attacking and Defending in the Era of the Cloud)**
15h35-16h05	MOVEMENT, NETWORKING, & SNACKS IN SERENGETI				

TIME	OR TAMBO	KING SHAKA	CAPE TOWN	AUDITORIUM	MARCO POLO
16h05-16h50	Mike Geyser: **Building Progressive Web Apps with Angular**	**LIGHTNING TALKS** • *Brewing beer using AndroidThings by Riaan Cornelius* • *Let the magic happen by Arjun Khoosal* • *Why shipping pet projects is so important by Simon Stewart*	Matt Cavanagh: **A WiFi-controlled Arduino-powered hand-held potato cannon**	Dries Cronje: **Augment your reality**	Neo Ighodaro: **Building for the bad guys**
16h50-17h00	MOVEMENT				
17h00-17h40	William Brander: **Microservices suck at the UI - UI Composition techniques to make this better**	Oz Chihwayi: **Cultivating a Critical Thinking Mindset**	Warren Barratt: **Why machine learning is going to be needed in every aspect of application development.**	Gergana Young: **The physical web and beyond**	Justin Worthe: **Make better music with Rust, WebAssembly, and some funky pointers**
17h40-19h00	DRINKS, SNACKS, COCKTAILS & NETWORKING IN SERENGETI	Sponsored by BBD			

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